

Marke Ambarde

Ontario 1916

MA

black one cd Ontario > dbase.
white cd/dbase > db

To save:

Blk. cd Ontario copy census.dbf a:

white cd/dbase/ontario > copy census.dbf a:



" Lightning Bird " 81
Lyle Watson



BBWA

Mixed Av Timmins 20m 30m 3m Av
 10% C ① twig 3mm
~~UL~~ UL stand RV glean

BBWA

Mixed Av Timmins 20m 30m 3m Av
 10% C ① twig 3mm 4cm air
 stand aerial/lunge

PHVI ^{thly} (not tested yet)

Mixed Av Tim. 20m 30m Av
 10% C ① twig 2mm
 L stand glean

AMRE

MA Tim 11m 27m 25m Sw
 10% C ① ^(bough?) branch 1mm 12cm
 air stand aerial/lunge

MAWA

4m/12m 28m Av
 15% C ① twig 2mm
 L stand RD glean.

CEWA

Mixed Av 8m/13m 20m Av
 10% C ① twig 3mm
 cotton stand glean.

^B
^{Sw}
 MYWA Mixed Aw 20m/24m 26m
 Aw 50% B 10m
 ① branch 10mm &
 branch stand glean

MAWA
 Mixed Timm 4m/15m 25m
 Aw 50% B ① ^{twig} ~~branch~~ 3mm
 2cm ~~stick~~ aerial/US glean

June 4 856 Pt. Lantz.

6/4

①
 6:18am.

	<u>in 50m</u>	<u>out 50m</u>
NAWA	1	
WTSP		
TEWA	1	
AMRO		
RCKI		
MAWA		
SWTH		
LISP		
YBFL		

② NAWA 20
 SWTH 120
 WTSP 80
 YBFL 80
 (MYWA)
 MAWA 40
 CHSP 60
 YBFL 100
 TEWA 120
 YBFL 100
 WTSP 120
 NAWA 100
 RCKI 120
~~YBFL~~ ~~100~~
 RCKI 120

② WTSP 200
 NDFL 100
 WTSP 20 (all)
 MAWA 70
 MAWA 80
 RCKI 190
 NAWA 80
 RCKI 100
 RCKI 180
 SWTH 200+
 YBFL 100
 YBFL 120
 NAWA 80
 MA

④ 7:11
MAWA 30, 40
MYWA 15, 15, 30, 40
SWTH 120
RCKI 180, 200+
WTSP 130
BOCH 10 (✓)
NAWA 50
YBEL 80, 40
TEWA 80

⑥ 7:26
DEJU 60
NAWA 30, 40
YBEL 70, 80
SWTH 200+, 200+, 200+
WTSP 200+, 120, 30
HETH 180
TEWA 80, 80
RCKI 200, 180

⑧ 8:05
WIWR 150
HETH 80
WTSP 160
ELGR Flyover
TEWA 80, 70

7:11
⑤ RCKI 100, 90, 70
MAWA 20 (30), 30, 40
YBEL 110, 40
TEWA 70, 60
NAWA 40, 50, 40
COYE 120, 60
GCKI 40

⑦ 7:44
RCKI 200+ / 150
WTSP 15 (C), 10 (200+)
COYE 130
MAWA 60
NAWA 40 / 100
HETH 150
TEWA 100, 80
DEJU 10 (C)
YBEL 120, 80

motor? (call) merr?
SSHA (call) TEA

8:15
⑨ TEWA 70
WIWR 100
RCKI 180, 200+
WTSP 150
HETH 80 / 120
~~WTSP 90 (C)~~
MYWA 90
? PIGR

⑪ 8:38
RCKI 100, 100
YBEL 70, 60
WTSP 200, 30, 80
HETH 120
NOWA 110
MYWA 190
DEJU 60
MAWA 130

⑩ 8:27
WIWR 100
YBEL 40
MYWA 80 / 20 v
RCKI 140, 100
NOWA 150
WTSP 180
HETH 180
DEJU 100

⑫ 0851
NOWA 100,
TEWA 110
BOWA 40
MAWA 60
NAWA 80

Vegetation

#12

CC 060%. BF 35%. SW 5%.

CH 16

GC W15 H5 M90

① AL 1 ② BF 2,3,4,5,6,12 ③ 6,7,7

④ 0 ⑤ 0 SB 0.5

#11

CC 080 SB 20

CH 10

GC AL 60 M90 G20 LT5 H2 WA

① ② SB 3 AL 1 ③ AL 1 ④ AL 2

⑤ SB 2

#9

CC 070%. SB 30%.

CH 10

GC M95 LT40 H2 W2 V20

① ② SB 0.5 ③ SB 0.5

④ SB 4 ⑤ SB 8,9

#7

CC 085%. SB 15

CH 7

GC M80 G40 V30 AL50 W2 SB20

① ② ③ ④ ⑤

#5

CC 070%. SB 30%.

CH 7

GC G50 M85 H5 W2 LT ~~10~~ 5 AL 35 SB5

① SB 2,3,5,7,8 ② ③ SB 2,3,5

④ SB 0.5 ⑤

#3

CC 065 SB 35

CH 7

GC G30 V45 H2 W2 SB 35 AL 25

① ② ③ ④

⑤ SB 2,5

#1

CC 070 SB 30

CH 6

GC M80 G40 SB 30 H2 V 20 AL 30 LT 10

① ② ③ SB 0.5 ④ SB 4, ⑤ 5,7,8

⑤ LT 0.5

Ramsay Rd. pt. counts Jack Pine

6/6

#1 0626

REVI? 80

WTSP 100, 200+, 200+

NAWA 100

HETH 200

CHSP 200+

? DEJU/60 (C)

0031

#2 NAWA 25, 150

OVEN 180, 30

PEJU 25V

WTSP 200+/150

HETH 200

~~CHSP/150~~

#3 0644

NAWA 40, 200, 120

WTSP 190, 180, 200/80

HETH 200

OVEN 100, 200

GCKI 20

RCKI 200+/150

? ~~REVI~~ SOVI

#4 0700

100, vs
WTSP 150, 200+, 170, 20

RCKI 200,

MYWA 50

NAWA 70, 100/50

OVEN/130

? HETH/200

#5 0713

SOVI 90

WTSP 110, 30

NAWA 120, 100

HETH 200

MYWA/40

BCCH/60

DEJU/120

#6 0742

NAWA 50, 120

WTSP 70, 110, 40, 20, 60

CHSP 60

SOVI 100

OVEN/60

#7 0754

GCKI 40

HETH 90, 100, 140

NAWA 80

OVEN 30, 110

WTSP 30

MYWA 100

DEJU/20 (C)

#8 0814

WIWR 70

OVEN 60,

HETH 120,

NAWA 70

RBBR 200 (within pine?)

WTSP 90

SOVI 90

GCKI 40

CHSP 70, 60

#9 0840

OVEN 50 (Aw), 130

BWNA (Aw) 50

~~BWNA~~ (Aw) 40

RBBR 140 (Aw)

RBBR 90

WTSP 140

#5 0804 7th Aw

OVEN 100, 100

CHSP 70

WTSP 120

HETH 200+, 180

NAWA 100, 50

PIWD 150

WIWR/160

#10 0826 (Mixed) Aw, sp

BTBW 60

RBBR 100

WIWR 60

SOVI 60

OVEN 80

MYWA 60

GCKI 40

NAWA 80, 60

CSWA 50 (Aw)

Vegetation

#11 CC 040%. JP ^{57%} ~~60%~~ Aw 1%.
CH 26m

GC H 30 W 5 ? 30 M 70

- ① JP 10, 12, 15, 16 ② JP 12, 13 ③ &
④ JP 15, 16, 17, 18, 0.5 ⑤ &

#10

CC 040%. JP 55%. Aw 5%.
CH 27m

GC M 30 ^{eric.} ~~35~~ AL 20 H 20 W 15

- ① JP 20 ② JP 12 ③ JP 5, 10, 13
④ JP 14 ? 3 ⑤ ~~JP 12, 16~~

#9 CC 030%. JP 70%.
CH 25m

GC M 90 H 30 ²⁵ ~~40~~ ²⁵ ~~40~~ W 5

- ① & ② JP 13, 15 ③ JP 9 ④ &
⑤ JP 11, 12, 15, 17

#8 CC 025%. JP 75%.
CH 25m

GC M 90 W 5 ^{eric.} 40 ^{eric.} 20 LT 15 H 25 AL 5

- ① & ② JP 13, 14, 15, 17, 18 ③ & ④ JP 8, 10
⑤ &

#7 CC 025% JP 75
CH 25

GC M 90 ^{eric.} 45 H 20 W 5 SB 5 ^{eric.} 5 AL 5

- ① AL 3 ^{JP 14} ~~JP 14~~ ② JP 17, 19 ③ &
④ JP 14 ⑤ ~~AL 3, 14~~ JP 11

#6 CC 030% JP 70
CH 23

GC M 70 H 20 W 5 ^{eric.} 45 SB 10 ^{eric.} 10

- ① JP 14 ② JP 13, 16 ^{eric.} 0.5 ③ &
④ JP 15 ⑤

#5 CC 045% JP 55
CH 24

GC M 70 H 15 W 20 ^{eric.} 40 SB 5 ^{eric.} 40

- ① JP 15 ② JP 11 ③ JP 10, 11, 12, 13
④ & ⑤ &

#4 CC 030% JP 70
CH 25

GC M 90 H 30 W 5 ^{eric.} 40 ^{eric.} 40

- ① JP 14, 15 ② ~~JP 14~~ ^{FLD 1} ③ & ④ JP 3, 9, 10, 12
⑤ JP 14, 15, 16, 17

#3 CC 035 Jp 65 Sw 2

CH 26

GC M50 H20 W10 EVIC 35 FLD 40

① Jp 10, 15, 17, 21 ② & ③ Jp 9, 10 EVIC 0.5

④ Jp 8, 10 ⑤ &

#2 CC 030 Jp 70

CH 22

GC M70 AL 50 FLD 25 H20 W5 EVIC 45

① Jp 10

② &

③ Jp 8, 9, 10, 11 EVIC 0.5

④ Jp 7

⑤ Jp 2 EVIC 0.5

#1 CC 030²⁵ Jp 75

CH 23

GC M70 H35 EVIC 60 W5 FLD 20

① Jp 20, 22

② Jp 12, 14, 15

③ Jp 11, 15

④ &

⑤ Jp 13, 16, 18

Wynne Jp 6/5 (170° N in 70° 2)
27 120° N

~~0115~~

NAWA 75, 100/110

HETH 200, 200+

NOFL 200+

OVEN 170

REVI 200 (in 100° N)

? call 40

~~0153~~

NOFL 150

WSP 150/200/30

OVEN 140/90

NAWA 70

? REVI 100 (in 100° N)

DEIV/90

2 birds - 100/40

MYWA/00

AMBI 200+ (in 50° N)

Voy (25)

#2 CC 020 Jp 80

CH 21

GC M70 H20 W10 LAVER 45

① Jp 9

② &

③ 12, 13, 14, 15, 17, 18, 20 Jp

④ 9, 11, 12, 14

⑤ Jp 7, 8, 10, 14, 15

(24)

#1 CC 025 JP 74 AN 1

CH 24
GC M100 H 25 LAV 40 W15 PC 2 SB 2
① JP 13 ② JP 9, 13, 16 ③ JP 10 LAV 0.5
④ JP 11 ⑤ JP 8, 10, 15

6/7 Matheson AN

(12)

#1 0950

OVEN 60, 60, 110
WTSP 30, 200+, 200+
BWNA 40
VEER 200+
TEWA 20, 70
ALFL 90
HETH 200+
BWNA 70
AMRE 20, 20
? PHVI / 30

#2 0606

? REVI 20
TEWA 100, 60
AMRE 70
OVEN 100, 60 / 60
BWNA 90 / 60
HETH 130
WTSP / 110
AMRO / 150
RUGR 70

#3 0626

TEWA 100
OVEN 110, 150 ? call 60 (all over)
AMRE 60, 40, 70 CHSP 40 (C)
AMRO 40
WTSP 120
VEER 70,
? PHVI 60

#4 0643

~~TEWA~~ 40
VEER 40, 60C
TEWA 70,
REVI 40
OVEN 40, 120
CORA 200, 200+
AMRE, 100 / 60
CEWA / 60 (x7)
(from CEWA after 5)

⑤ 0702

TEWA 60, 120
OVEN 60, 120, 100 / 110
AMRE 60, 40
REVI 120,
MAWA
CSWA 40
CEWA 30(x5), 20(x2)
VEER / 80 C / 100 / 110 / 1200
~~CEWA~~
AMRO / 200

⑥ 0720

VEER 60 C
LEFL 25, 20 / 40
OVEN 60, 3
TEWA 70
AMRE 70
WTSP 110, 120
REVI 60, 100
NAWA 60

⑦ 0738

MAWA 90
LEFL 60, 60,
? REVI 60, 90, 120
AMRE 60 / 100,
WTSP 140, 200+
VEER 60 C
TEWA 40
CEWA 60
CORA / 60
OVEN / 90
CSWA / 70

⑧ 0753

OVEN 80, 60
CSWA 70
VEER 90 C
TEWA 75, 110
WTSP 60, 120
SWTH 120, 10 C
~~AMRE 60~~
BBWA / 20
? PHVI / 70
RUGR 60

⑩ 0826

NAWA 40
NOWA 60
OVEN 60, 60, 100
ALFL 60
VEER 70
MAWA 60
~~CSWA~~
BBWA / 20
WTSP 140, 110, 120
CEWA 40
TEWA NAWA 60
RUGR 40

⑨ 0813

OVEN 60, 110, 70/150
MAWA 60, 40
RCKI 60 (Sw New)
TEWA 70
YBSA 40
WTSP 90, 140
CHSP 40
NAWA 70, 60
NOWA / 80
MYWA 40

⑪ 0837

NOWA 60
NAWA 60, 40
OVEN 40, 40, 140
? PHVI 60
VEER 70/200+
WTSP 60
CHSP 30 C
TEWA / 60
CSWA / 80

⑫ 0847

OVEN 60, 70, 140, 80,
REVI 110,
SWTH 80 C
WTSP 70, 140, 200+
BBWA 40
NAWA 110
TEWA / 90
RUGR / 30
CSWA / 90, 60/40

* Done to
here with
CENSUS
6/21

Veg.

done no veg.

#23 CC 040 Aw ⁵⁸ Sw 12

CH 33

GC H40 AL ⁵⁰ W10 PC 15 G20 R125 S

① Aw 12, 14, 15, 16, 20, 24 ② & ③ Aw 10, 12, 18, 19

④ & ⑤ Aw 24

#22 CC 045 AW 55

CH 32

GC H40 W10 G20 M30 AL 60 R120

⑤ ② Aw 13 ③ AL 4 Aw 20, 22, 24

④ AL 3 ① Aw 20, 21, 22, 23, 25, 26

#21
CC 045 Aw 53 Sw 2

CH 33

GC G35 H40 W10 AL 60 ? 20 PC 5 M5

- ① Aw 20, 22, 24, 25 ② Bw 6, 8, 10, 15, 16, 17, 20
③ AL 3 Aw 15, 17, 20 ④ Aw 16, 17, 18, 19,
20, 25, 26 ⑤ Aw 19, 22, 24, 25

#20
CC 030 Aw 70

CH 33

GC G35 H30 W10 AL 40 M2 17.5

- ① Aw 5, 7, 10, 12 ② Aw 16 ③ Aw 17
④ Aw 20, 21, 23, 24, 25, 28, 29 ⑤ Aw 12, 13, 14,
20, 21

#19
CC 035 Aw 63 Sw 2

CH 32

GC AL 75 H20 W10 R120 M2 G15 ? 7.5

- ① Aw 12 ② AL 3 ③ Aw 12, 13, 16, 18
④ Aw 20, 21, 24, 25, 26 ⑤ X

#18
CC 030 Aw 30

CH 30

GC H30 W10 G40 AL 35 R20

- ① Aw 21 ② Aw 20, 21 ③ AL 3
④ X ⑤ X

17

#17
CC 030 Aw 70

CH 31

GC H40 W10 G40 AL 65 R135

- ① Aw 22 ② Aw 18, 20 ③ Aw 24, 25
④ Aw 22 ⑤ Aw 19, 20, 22, 23

#16
CC 040 Aw 60

CH 30

GC W20 H40 R130 AL 60 ? 20 M10

- ① X ② Aw 14, 15, 17, 20
③ Aw 15, 17, 20, 22, 23 ④ AL 3 Aw 18, 19,
20, 21, 22 ⑤ X

#15
CC 045 Aw 55

CH 33

GC M2 W15 H25 AL 70 R140

- ① AL 3 ② X ③ Aw 17, 18, 19, 20,
25, 26, 28, 30 ④ Aw 23
⑤ X

#14
CC 025 Aw 75 Sw 2

CH 34

GC G40 M5 H30 AL 60 SA 30 R125 W10

- ① Aw 15, 17, 19, 20 ② AL 4 ③ Aw 15
④ Aw 15, 20 ⑤ X

#13 CC 040 Aw 60

CH 35

GC AL 65 MZ W15 R 25 R140 G 25

① AL 3 ② Aw 15, 17, 22 ③ Aw 17, 18, 19, 21, 23, 24, 25 ④ AL 3 ⑤ AL 4 Aw 22

#14 CC 045 Aw 55

CH 31

GC G 10 W15 H 20 AL 50 R115 Aw 10

① ② Aw 22 ③ AL 3 Aw 12, 13, 20, 21, 22, 23 ④ Aw 19, 20 ⑤ AL 3 Aw 17, 18, 20, 21

26 Aw
#15 0543

TEWA 40, 70, 160

OVEN 40, 100, 140

WIWR 70

RBNV 130 (in sn)

BCH 60, 60

VEER 80 C

REVI 70

BWNA 80/40

NOEL 70

BBWA 40

COHA Fo (x2)

SWTH 90 C

27 6/10
#16 0552 (calata 58)

WIWR 90

OVEN 60, 60, 80

REVI 60, 40

HETH 40

WO Hammering 100

BBWA 40, 60

TEWA 90, 80

RUGR 40

28
#17 0604

OVEN 40, 110

VEER 80 C, 140

TEWA 90/120

WIWR 100

HETH 120, 80

BBWA 60

REVI 80

AMRO 140

BWNA 40

(BTNW 80 didn't sing, while censors though)

30
#18 0645

VEER 40

HETH 60

TEWA 40, 80, 120

REVI 80, 120

MIWA 80

WIWR 150

BBWA 60

OVEN 40/80

29
#19 0621

CAWA 25

REVI 60

TEWA 60, 80, 100

BWNA 80, 60,

BCH 100/100

OVEN 130, 80

RUGR 30

WTSP 160

HETH 200+

BBWA 20

? up and musical till 70 (whirbling too)

BTNW 100

31
#20 0708

~~VEER 40~~ VEER 25

~~BBWA 80~~

~~OVEN 70, 60~~

~~REVI 80~~ MOWA 80

TEWA 40, 80

WTSP 140

? PHVI 90

RUGR 40

CAWA 40

? fast till 70 in speed 60

NANA 20

32

① 0743

CAWA 20

REVI 70

MOWA 40

WIWR 80

VEER 200+, 150, 80C

WTSP 180/10

TEWA 120, 100

BWA 80

RUGR 70

HETH 200+

NAWA/60/

SWTH 200

34

① 0813

OVEN 40

TEWA 60, 100, 100

HETH 100, 140

BTNW 70

WTSP 70, 130

LEFL 80, 90, 100

SWTH 100, 80

? CAWA 60

AMRO/20 V

MOWA/90/

33

① 0758

BTNW 80

VEER 140, 100C/100,

BBWA 60, 70

HETH 200+, 90

? PHVI

LEFL 800

MOWA 100

OVEN 100, 120, 130

TEWA 140/110/60

REVI 60

SWTH/40C

? NAWA 70

35

① 0836

MOWA 70

TEWA 40, 70

MAWA 60

BWA 60

COYE 70

REVI 100, 120

HETH 150

OVEN/140/90

BBWA 40

36

① 0849

MOWA 60, 120

WTSP 200+

SWTH 90C, 40C

REVI 100, 90

VEER 150

OVEN 70, 120

TEWA 110, 110

BBWA 70, 60

ALFL 200+

BECH/120

Veget. Av Timmms

6/10

36

#11 CC 030 Aw 55 Sw 5 Bf 10

CH 29

GC H35 W10 AL 40 Sw 5 MA

① Aw 15, 19, 20, 22, 23 ② Aw 10 ③ Aw 18, 20, 22, 24

④ Bf 4, 5 Aw 14, 15, 18, 20, 21, 23, 25

⑤ Aw 10, 12, 14, 16, 17, 18, 20, 22, 23

35

#10 CC 025 Aw 60 Bf 10 Sw 5

CH 34

GC H30 W15 AL 35 Bf 2 Sw 1 Bf 7 MA 7 3

① Aw 15, 18, 20, 24, 26, 27 ② Bf 4, 5, 6 Aw 10, 20, 24

③ Bf 3, 10 Aw 21, 22, 23 ④ Aw 18, 19, 22, 24

⑤ Aw 15, 17, 20, 24, 28, 30, 32

12
11
23Done to
here
clausus
only
6/22

34
 #9 CC 040 Aw ~~32~~ Sw 4 Bf 3
 CH 34
 GC H30 W15 Aw ²⁰ ~~10~~ Bp ²⁰ ~~10~~ AL 45 RI 5
 (1) ~~Q~~ (2) Aw 15, 17 (3) ~~Q~~ (4) ~~Q~~
 (5) Aw 18, 19, 20, 24, 28

33
 #9 CC 025 Aw 70 Sw 3 Bf 2
 GC AL 70 H20 W10 RI 20 Bf 2 Sw 3
 CH 34
 (1) Aw 18 (2) ~~Q~~ (3) ~~Q~~ (4) Aw 17, 18, 20,
 26, 28, 30 (5) Aw 18, 20, 24, 28, 29

32
 #9 CC 060 Bp 20 Aw 20
 CH 33
 GC AL 70 RI 45 W10 H20 G20 Aw 10 Bp 10 RI 5
 (1) ~~Q~~ (2) Aw 16, 17, 18, 22, 23
 (3) Bp 4, 6, 7, 10, 12, 14, 16, 18, 20, 24
 (4) Bp 6, 7, 10, 14, 15, 16, 17, 18, 20, 25, 30
 (5) ~~Q~~

31
 #6 CC 030 Bp 40 Aw 35
 CH 34
 GC AL 60 H30 W10 M10 RI 40 Bf 20 Sw 5
 (1) Bp 21 (2) Bp 14, 15, 17, 20 (3) Bp 20, 22
 (4) Bp 26, 28 (5) Aw 16

30
 #5 CC 020 Bp 40 Aw ³⁵ ~~40~~ Bf 5
 CH 36
 GC H45 M20 W10 AL 40 RI 5 Bf 5 Sw 2 G2
 (1) Bf 4, 5, 7 Bp 17, 20 (2) Aw 22, 24 (3) ~~Q~~
 (4) Aw 24, 26, 28 (5) Aw 24

29
 #4 CC 035 Bp 35 Aw 30
 CH 34
 GC AL 70 RI 40 H30 W15 G10
 (1) ~~Q~~ (2) Aw 19 (3) ~~Q~~ (4) Bf 2 AL 0.5
 (5) Bp 12

28
 #3 CC 020 Bp 35 Aw 35 Bf 10
 CH 32
 GC AL 30 H30 W20 RI 20 M10 Bf 30
 (1) Bf 4 Bp 22, 24, 26 (2) Bf 5 (3) Aw 28
 (4) Aw 24, 26, 28 (5) ~~Q~~

27
 #2 CC 030 Bf 10 Aw 30 Bp 30
 CH ~~32~~ 32
 GC H35 M70 AL 30 RI 15 W20 Bf 30
 (1) Bf 4 (2) ~~Q~~ (3) ~~Q~~ (4) Sw 6, 7, 8
 (5) Aw 20, 21, 24, 28, 30

26
 #1 CC 030 Bp 30 Aw 30 Bf 5 Sw 5
 CH 33
 GC AL 60 G20 H30 W15 RI 30 M40 Bf 10 Sw 5
 (1) AL 27 (2) Aw 22, 24, 26 (3) Aw 28, 30 (4) Bp 5 Aw 25, 27
 (5) ~~Q~~

6/11 SB (TR 9) Kettle Lakes 81

① 0601 80
 WTSP 90, 15C
 YBFL 70, 80
 NAWA 70, 80, 80/90
 WIWR 80
 RCKI 80
 HETH 180, 80/40
 COYE 90
 OSFL 200+ (otherside road)
 SWTH 130, 90/60C
 MYWA/40

② 0610
 YBFL 60, 60, 70/40
 RCKI 100, 200, 120
 WTSP 110, 40, 200+
 HETH 200+, 140, 200+
 NAWA 100, 140/150
 WIWR 100
 PISI FO
 ALFL/170

③ 0632 82
 WIWR 40, 70
 YBFL 40, 110
 NAWA 60, 70, 120
 RBNU 80,
 DESU 20V
 SWTH 60
 WWCR FO(x4)
 HETH 200+
 WTSP/200+

83
 ④ 0649
 WIWR ~~100~~ 60, 60, 70
 GCKI 40/70
 NAWA 40, 60, 100/110
 SWTH 70C, 200, 200+
 WTSP 100
 YBFL 100, 100
 DESU 40C
 MAWA 80
 RCKI/120
 WWCR FO
 ? CMWA 110

84

⑤ 0709
 WIWR 60, 90
 NAWA 40, 130, 150,
 GCKI 100
 WWCR FO
 ? CMWA 60
 BOCH 20
 SWTH 60C, 160, 180
 WTSP 110
 YBFL 90, 60
 MAWA/100
 RCKI/110

86
 ⑦ 0746
 YBFL 60, 80, 80
 SWTH 100, 90, 150, 100
 RCKI 200, 120, 100
 NAWA 160, 90, 100/60
 AMBI/150
 MYWA/70

88
 ⑨ 0822
 NAWA 90
 NAWA 60, 40, 120/80
 MAWA 110
 SWTH 140, 150/160
 GCKI 90

85

⑥ 0727
 RCKI 40
 YBFL 60, 100, 70/40
 NAWA 70, 160, 100
 WIWR 140, 90
 RBNU 70
 Gull FO
~~GRSY~~ 40
 DESU/60
 SWTH/200

87

⑧ 0806
 GCKI 40
 NAWA 90, 110, 120, 110
 SWTH 120/200+
 YBFL 70/120/110
 RCKI 130
 NAWA/100

YBFL 100
 RCKI 130
 WIWR/150

89

⑩ 0939
 SWTH 150
 NAWA 60, 140
 W1WA 100
 YBFL 90
 OVEN 140, 100
 GCKI 20/90
 PISL FO(x8)
 RCKI 120, 200

90

⑪ 0955
 GCKI 40, 90
 BBWA 60
 OVEN 80, 140
 RCKI 80
 YBFL 100
 NAWA 90

Vegetation SB 6/11

#⑪ CC 015 SB 83 Aw2 90
 CH 24
 GC MIDO W³⁰ H⁵ LT⁵ LIC 5 Bf 3 SB 3 LELE 2
 ① SB 3, 4, 7, 8, 10, 14, 20, 22 ② SB 4, 8, 12 ③ SB 10, 15, 16, 17, 18,
 ④ SB 4, 6, 10, ⑤ SB 6, 7, 8, 10, 12

#⑩ CC 015 SB 85 89
 CH 22
 GC MIDO W25 H20 LIC 5 Bf 2 SB 5 LT 2
 ① SB 2 ② SB 5, 7, 10, 12, 13 ③ SB 5, 6, 7, 8
 ④ SB 2 ⑤ SB 2

#⑨ CC 020 SB 80 88
 CH 26
 GC MIDO LIC 10 W¹⁵ LT 15 LELE 5 H 5
 ① SB 5, 7 ② SB 2 ③ SB 2 ④ SB 9, 10
 ⑤ SB 9

#⑧ CC 030 SB 70 87
 CH 20
 GC MIDO W 10 H¹⁵ LT 15 LELE 2 SB³⁵ 30
 ① SA 4 ② SB 2 ③ SB 2 ④ SB 2, 3, 5, 8,
 ⑤ SB 6

#⑦ CC 045 SB 55 86
 CH 19
 GC MIDO H20 LT 30 SB 40 W10 AL 25
 ① SB 2 ② SB 2 ③ SB 2 ④ SB 2
 ⑤ SB 6, 8, 10, 11, 12

#⑥ CC 035 SB 65 85
 CH 20
 GC MIDO H25 W10 LIC 5 AL 25 LT 10 SB 20 6¹⁵
 ① SB 2 ② SB 2 ③ SB 2 ④ SB 5, 7, 8, 9, 12
 ⑤ SB 2

#⑤ CC 050 SB 50 84
 CH 17
 GC MIDO W15 AL 25 LT 10 G 5 SB 40 LIC 5
 ① SB 2 ② SB 2 ③ SB 9, 10 ④ SB 2, 3 ⑤ SB 2

#2CC 060 SB40 83

CH 14

GC M100 W15 H20 G25 L10 LT 20 AL 20 SB 45

① SB 3 ② SB 4, 6, 7 ③ X ④ X ⑤ SB 4, 6, 7

#3CC 060 SB40 82

CH 15

GC M100 H20 W15 SB 50 AL 20 PL 2 LIC 5 G10

① SB 3 ② X ③ X ④ SB 4, 5, 8, 9, 10, 14
⑤ X

#2CC 070 SB30 81

CH 13

GC M100 H20 LT 35 SB 60 W15 LIC 5

① X ② SB 2, 9 ③ X ④ X ⑤ SB 3

#1CC 065 SB35 80

CH 16

GC M100 H20 W15 LIC 5 LT 35 SB 65

① X ② X ③ SB 4, 7, 8, 9 ④ 4
⑤ X

SB 6/12 Smooth Rock Falls

0549 91

SWTH 100

NAWA 80, 90, 100, 60

MAWA 80, 120,

CORA 200

WTSP 140/100

COYE 70

RCKI 90, 140

WWCR FO

CHSP / 80

AMRO 40 (FO)

93

0025

TEWA 60

SWTH 40, 100

WTSP 80, 110, 40

RCKI 110/80/100

NAWA 90, 120, 150

? BWA 40

VBFL 100/60

BBWA 40

MAWA / 60

92 0608

SWTH 60, 120, 200+ / 200

NAWA 70/120

BBWA 40

DEJU 20C

RCKI 140, 150

TEWA 90

REVI 200

MAWA 80 / 110

VBFL / 70

94

0642

NAWA 70

TEWA 40

RCKI 110, 200

HETH 150,

ALFL 110

MAWA 110

MYWA 70

VBFL 70 / 100

REVI 160

SWTH / 100C

CAGD / FO

BOCH / 140

RBNU / 160

95

#2 ⑤ 0659
 C 4LFL 90
 G NAWA 60, 100
 ① HETH 200
 SWTH 200
 #9 WSP 200t/160
 C MYWA 80
 G WWR FO
 ① MAWA 100, 110
 T RBAW 140,
 TEWA 110
 #1 RKEI/440 200t
 C RUF1/100
 G 97
 ① ⑦ 0734
 COWA 60
 #1 TEWA 100
 C NAWA 40, 100, 70
 G YBFL 70, 70/80
 ① WSP 130, 120, 200
 #8 HETH 200, 200t
 WWR FO
 RUF1 150
 RBAW/140

96

⑥ 0710
 NAWA 70, 80, 70, 100
 YBFL 70/90/110
 WSP 140,
 RKEI 200t
 REU 130
 WWR FO
 GKEI/70
 CAGO/FO

98

⑧ 0749
 COWA 40
 YBFL 100
 NAWA 100, 110, 90
 SWTH 100
 WWR FO
 PAWA 80
 RKEI 200t
 MAWA 90
 ALFL 80
 MYWA 90

99

⑨ 0805
 RKEI 70
 NAWA 60, 100, 110, 110
 YBFL 60, 110
 WSP 200t
 DESU 100
 WWR FO
 LOYE/80

101

⑩ 0836
 GKEI 40
 MAWA 60
 SWTH 150, 90, 200
 MYWA 40
 NAWA 70, 60, 80
 WWR 120
 YBFL 80
 RKEI 100
 AMRO 200t

100

⑪ 0821
 RKEI 80, 120
 MAWA 60
 YBFL 70
 NAWA 60, 100, 140/110
 MYWA 70
 SWTH 200t
 GKEI 60
 AMRO 200t

Ver 6/12 SB
 #12 CC 060 SB 40 101
 CH 23
 GC M100 AL 10 H20 SB 40 LT 10 PC 5 W 10 G10 L12
 ① X ② SB 10 ③ X ④ SB 4, 5, 10
 ⑤ SB 6, 8, 10

#9 CC 050 SB 40 106
 CH 26
 GC M100 W15 H10 L12 LT 20 SB 15 AL 10
 ① X ② SB 3, 5, 7, 8 ③ SB 6, 7, 8, 9, 10
 ④ SB 5 ⑤ X

#9 CC 070 SB 30 99
 CH 23
 GC M100 W15 LT 20 AL 30 BF 10 SB 10 L12
 ① SB 3, 5, 7 ② SB 3, 3 ③ AL 1 ④ X ⑤ X

#5 CC 080 SB 20 98
 CH 15
 GC M100 G75 LT 40 L12 30 SB 40 BB 25 WS
 ① X ② SB 0.5 ③ X ④ X
 ⑤ X

#7 CC 090 SB 18 TA 2 97
 CH 10
 GC M100 H30 LT 40 BB 40 L12 20 SB 40 TA 30 WS 6
 ① TA 5, 6, 7, 10, 12 ② SB 4 ③ X ④ SB 4 ⑤ X

⑥ CC 075 SB 25 96
 CH 13
 GC M100 G40 LT 30 L12 20 AL 20 BB 20 W10 SB 30
 ① SB 4 ② X ③ X ④ SB 12 ⑤ X

#5 CC 085 SB 15 95
 CH 9
 GC M100 G60 BB 30 AL 20 SB 30 W2 H15
 ① X ② X ③ X ④ SB 0.5 ⑤ X

#4 CC 090 SB 9 TA 1 94
 CH 11
 GC M100 G70 AL 45 SB 60 LT 30 L12 25 W2 TA 5
 ① X ② SB 2 ③ X ④ X ⑤ X

#3 CC 025 SB 65 BF 10 93
 CH 23
 GC M100 W10 H30 AL 30 BF 20 SB 20 L12
 ① BF 3, 5, 6, 7, 8, 11, 13, 14 ② X ③ SB 3, 5, 6, 7, 7, 8, 10, 14
 ④ SB 5, 7, 8 SA 8 ⑤ SB 13, 15, 17

#2 CC 090 SB 20 TA 1 92
 CH 15
 GC M100 AL 45 SB 30 WS L12
 ① X ② X ③ X ④ AL 1, 2, SB 3, 5
 ⑤ TA 4, 6, 7

#1 CC 070 SB 28 CE 2 91
 CH 16
 GL MID AL 35 SB 40 CE 10 60 120
 (1) CE 3 (2) (3) SA 3 (4) (5) SB 7, 10

6/13 Mixed Sw. R. H. B. n. l. l.

#1 102 103
 (1) 0551 (2) 0607
 GLKI 40/60 OVEN 80
 BBWA 40 BBWA 60
 WITH 140 WICE FO
 REVI 150, 130, 160 BBWA 70
 MAWA 70, 1 YBSA 200
 ? PHVI 60
 ALFL 90, 200+
 AMRE 60
 CORA FO (37)
 MYWA/70
 MAWA 70

104
 (3) 0629
 SWTH 60 C, 200+, 100
 CHSP 150
 NAWA 90
 BLBW 60
 REVI 110

OVEN/60
 RUGR 30
 BBWA/60

105 106
 (4) 0603 (5) 0709
 CHSP 60 SWTH 70, 90, 100
 BLBW 60 BBWA 70
 REVI 80 NAWA 90
 WTSP 200 GLKI 70
 BL 37 80 MAWA 70 (CC?)
 SWTH 90, 130 WTSP 140
 RUGR 60 BRCP 70
 AMRE 20 VC WWCR 140, 60, FO
 MAWA/70 AMRE 60
 NOPA/60 DEVI 40 C
 MAWA/100

107 108
 (6) 0723 (7) 0739
 SWTH 30 SWTH 80, 130
 REVI 80 AMRE 70,
 AMRE 40 MAWA 20, 90
 GLKI 40 REVI/40
 NAWA 60, 80 MYWA/100
 WTSP 70
 MAWA 50
 CHSP/30 C
 BRCP/100

109

① 0759

MAWA 60

BLBW 40

WIWR 90

CAWA 70

BBWA 70

SWTH 200+

AMRE 90, 110

REVI 200+

110

① 0916

REVI 40

BBWA 60, 40

MAWA 90

? slowly till ending like BLBW

BLWA

100g 6/13

#① CC 015 SW 35 CE 35 BF 10

CH 24

GC M95 H35 W15 R120 SM³⁰ 7, 10 LIC 5

① BW 5, 5

② CE 8, 10, 12, 13, 16, 20, 21

③ BF 4, 5, 11

④

⑤ BW 7, 8

#④ CC 025 SW 35 CE²⁵ BF 10 BW 5

CH 25

GC M95 W20 SM³⁰ H30 G2 CE 10 BF²⁰

①

② BF 5

③ BF 5, 6, 7, 6,

BF 9, 12, 15, 16

④ CE 4, 5, 6, 7, 8, 10, 11, 12,

16, 20, 22

⑤ BF 4, 4, 6, 8

110

109

① CC 025 SW 40 BF 25 CE 5 BW 5

CH 27

GC H40 M90 W15 SM 30 725 BF 15 LIC 2 AL 5

① BF 12

② BW 5, 7, 8, 12, 15

③ BF 4

④ BF 8

⑤ CE 3 AL 6

108

#⑥ CC 050 SW³⁰ BW 15 BF 5

CH 27

GC BF 40 W20 H40 SM 35 M90 G5

① AL 2 SW 16, 20

② SW 7, 8, 12, 16, 20

③ BF 3, 5, 6, 7, 10, 12, 15

④ CE 6, 8, 10

⑤ BF 6, BW 7

107

#⑦ CC 035 SW 50 BF 5 BW 10

CH 29

GC M95 H35 BF 35 W20 R20 315

①

② SM 3 SW 21

③ BF 7, 10

④ SM 2 BF 22

⑤ SM 4 SW 16, 21, 24

106

#⑧ CC 055 SW 25 BW 10 BF 5 AW 5

CH 30

GC G40 H40 W25 BF 40 SM 55 R15 15 AL 20

①

② SW 16

③

④ SM 3

⑤ AL 4 BF 7, 10

105

104

(3) CC 025 Sw 35 Aw ²⁰ ~~30~~ Bf ⁵ ~~10~~ Bw 10 Bf 5
 CH 32
 GC M95 W15 H30 SM50 G10 ? 15 Bf 30
 (1) Sw 5, 8 (2) ~~x~~ (3) Bf 6 (4) Aw 18, 24
 (5) SM 3 Bw 15, 17

(2) CC 020 Sw 25 Aw ¹⁵ ~~20~~ Bf 20 Bw 20 103
 CH 32
 GC M85 H30 W15 ? 20 AL 20 SM 45 G15 Bf 65
 (1) Bf 2, 3, 4, Aw 16, 18, 20 (2) SM 4, 4, 5
 (3) AL 3, 3, 4, 4 (4) Aw 26, 27 (5) Bf 4, 5, 6, 10

(1) CC 025 Sw 30 Bw 20 Bf ¹⁰ ~~10~~ Aw 5 Bf 10 102
 CH 29
 GC M95 G10 H35 AL ²⁵ ~~40~~ Bf 5 W20 SM 20
 (1) Bf 5 Bp8 (2) Bf 6 (3) ~~x~~ (4) ~~x~~ (5) Sw 5, 7

6/14 Nagagamisis P.P. Mixed Sw

(1) 0541 111	(2) 0550 112
SWTH 100	NWA ⁸⁰
NWA 100, 90	AMRE 70/70
CMWA 15	SWTH 90
RUGR 20	OVEN 100/140
WWR 110	RBNV 200+
? PHVI 80	CHSP 100
CHSP 90	RCKI 180
AMRE 60, 70	SWTH 140/100
OVEN 110	REVI/90
WTSP 200+	
BBWA/70	

(3) 0558 113	(4) 0607 114
SWTH ¹⁰⁰	REVI 40, 130
REVI 90, 60	SWTH 20
AMRE 40	OVEN 140, ¹¹⁰ , 130, 90
OVEN 80/140/100	BTNW 120, ¹⁰⁰
BLBW 40	MWA 70
YBSA 20	RUGR 60
BTNW/100	GCKI 70
MALL FO	YBSA 20
	WTSP ^C 20/300
	MAWA/90

#1 115

C MAWA 40
G CHSE 140
T OVEN 90 / 140
WTH 130
C REVL 150
C TEWA 140

#1 117

T REVL 60
BLBW 40
WTH 60
C WBP 60 C
C TEWA 70
T BBWA 40
MALL / FO
RBNU / 100
C OVEN 120

#1 119

OVEN 130, 90
~~60, 50~~
BLBW 80, 90
MAWA / 100

* Wind 116

* 0628
TEWA 5
OVEN 100, 90, 120
REVL 110
MAWA 40
BBWA 60

#1 118

SWTH 200, 140, 60 C, 60 V
BBWA 120 / 140
BBWA 60
OVEN 130
REVL 110

120

* Wind

#1 0719
SWTH 60
OVEN 100, 90
BBWA 40, 70
TEWA 70
BLBW 70, 70
CORA FO
7 PHVI 90

LEFL 60
PISI (4) FO
REVL 60

121 136 41 23 10

#1 0726
TEWA 40, 70, 70, 20
OVEN 80
CHSE 100, 100
REVL 90 / 90
BBWA 70
YBSA 90
WIWR 100

Jeg 6/11

#1 030 Sw 30 Aw 20 Bw 15 Jp 5 121

CH 39
GC M70 H30 WIS SM 60 HN 25 Bf 20 AL 40 50 7, 20
① AL 2, SM 2, 3 AL 4 ② Sw 2, 4, 5, 7, 10, 11
③ Sw 3, 3, 5 ④ X ⑤ Aw 24, 26

#1 035 Aw 40 Sw 25 120

CH 34
GC M55 H30 HN 40 SM 60 WIS 25 Bw 10 7, 10
① Sw 14 Aw 24, 26 ② Aw 24, 25, 26 ③ Aw 22, 24, 26
④ Aw 26, 28, 30, 31, 32 ⑤ Aw 29

#1 040 Jp 10 Bw 10 119

CH 24
GC M90 H30 WIS AL 40 MA 20 Bf 25 HN 30 SA 10 RD 15
① Bw 3, 5, 11, 14 ② Bw 8 ③ X ④ X ⑤ X

Done to here 6/23 only census

#1 CC 045 JP 45 Bw 10 Sw 20 118
 CH 25 Aw 15 MA 10
 GC M100 H140 HN30 Br 40 CE15 JP15 SA20 W10 Sw20 AL25
 ① ~~Q~~ ② ~~Q~~ ③ JP 11, 13, 15 ④ ~~Q~~
 ⑤ JP 13, 14, 16

#1 CC 030 JP 25 Sw 20 Aw 15 Bw 10 117
 CH 26 Bw 5
 GC M90 H145 SM45 HN40 AL W15 Br 10 B10 Sw 5 Aw 5
 ① JP 12, 14, 16, 20 ② Sm 2, 3, Aw 24, 26 ③ SB 3 SM 3
 ④ ~~Q~~ ⑤ Bw 4

#1 CC 030 JP 20 Aw 25 Sw 15 Br 5 Bw 5 116
 CH 29
 GC M95 HN45 Br 25 Sw 10 B10 30 SA 15 SM 45 W 8 PC 10 G 2
 ① SM 2 ② SM 3 ③ Aw 26, 27
 ④ Bw 4, 4 ⑤ ~~Q~~

115
 #1 CC 035 Sw 25 JP 25 Bw 10 Aw 13 Br 5
 CH 28
 GC M90 SM50 Br 20 Sw 20 H25 W10 ? 15 SA 15 L10 2
 ① ~~Q~~ ② JP 15 20 ③ Br 3, 4, 6, 10, 14 ④ ~~Q~~ ⑤ Br 10, 15, 16

#1 CC 030 Aw 25 JP 20 Sw 15 Br 5 Bw 5 114
 CH 29
 GC M75 H130 HN40 SM45 Br 20 W 5 Br 25
 ① Aw 26 ② ~~Q~~ ③ Br 3 JP 16, 18
 ④ SM 4 JP 20, 22, 23 ⑤ ~~Q~~

#1 CC 030 Aw 25 JP 20 Sw 20 Bw 10 113
 CH 28
 GC M65 H20 Br 20 SM50 W20 HN20 PC 20 A30
 ① Br 3, 4, 4, 10 ② Br 3, 5, 6, 7, 9 ③ Br 2, 6
 ④ ~~Q~~ ⑤ Br 3

#1 CC 040 Aw 30 CE 5 Sw 20 Bw 5 112
 CH 33
 GC M65 H20 W15 CE 2 HN30 SM45 Br 15 Aw 5
 ① Bw 4, 4, 6, 7 ② Br 2, 5, 6, 10 ③ ~~Q~~ ④ ~~Q~~
 ⑤ Br 10

#1 CC 040 Aw 20 Sw 20 Br 10 CE 10 111
 CH 29
 GC M70 H20 CE 30 W25 SM45 AL 25 MA 10 Br 10
 ① ~~Q~~ ② Sw 4, 4, 5 ③ ~~Q~~ ④ Br 5, 10, 11 ⑤ ~~Q~~

White River 6/18 Am

#24

#	① 0555 262	② 0612 263
C	REVI 60	WTSP 100, 40
G	OVEN 110	OVEN 80, 120, 110
T	SWTH 70	SWTH 90, 140
	CHSP 60C/60	CHSP 120
#	WIWR 140	LEFL 90
C	WTSP 20C, 20C	AMRE BBWA 70
G	BLBW 40	REVI 100
C	MAWA 40	
T	? PHVI 60	

#	③ 0631 264	④ 0650 265
	REVI 40/80	REVI 40, 70
C	MAWA 20	BCCH 60, 40, 80, 80
T	OVEN 60, 130	BBWA 40, 60
	BBWA 20	OVEN 110, 80/70
#	BRCH 40	BLBW 60
	SWTH 100	LEFL 60, 70
C	WTSP 120	SWTH 100
V	RUGR 40	VEER 60C/20C
		AMRE 40

*TTWO 6/18
WALL

⑤ 0710 266	⑥ 0729 267
OVEN 140, 100, 200/20	OVEN 80, 100
YBSA 60	CHSP 90, 80
VEER 90, 70C/1000	WTSP 180/200/140
BBWA 60	REVI 40, 70
SWTH 150	SWTH 60
WTSP 130	TENA 80
CHSP 100	AMRE 90
MAWA 80	BBWA 60
LEFL 100	? GCFL 40

⑦ 0810 268	⑧ 0827 269
LEFL 40, 80, 100	OVEN 80, 80
? PHVI 40	REVI 20, 80, 60, 90
OVEN 60, 100	WTSP 200+, 120
BBWA 60	LEFL 40, 60
REVI 60	BBWA 40
SWTH 150	VEER 100/40
AMRE 70	

⑨ 0842 270	
WTSP 60, 70	HAWO 30
REVI 80, 110	TENA 60
MYWA 40, 60	
MAWA 60	
SWTH 140	
BBWA 40	

veg 6/16 White River Ariz

CC 030 Awa⁵⁰ SW 10 Bw 10
CH #31

270 (842)

1. BCL M45 W20 Br 15 SM 55 AL 30 HN 30 L10 G15 ROS 5 MA 10 M30
 ① Aw 24 ② Aw 23, 23 ③ Bw 15, 15, 16 ④ Aw 25, 16, 16
 4. ⑤ ~~M~~ Aw 25, 25

④ CC 035 AW40 BW20 SW5
CH 34

269 (827)

GC H35 SM65 HN40 RD40 G20M^{4b} W10

① Bw 22, 22, 25 ② Aw 28, 29, 30 ③ Cm 3 ④ X
⑤ Sw 4, 6, 11

7 CC 020 AW 80
CH 35

269 (810)

(2) WIDM 204409M65 HN40 ? WIK 20

① 0
⑤ ~~0~~

② Aw 31, 33 ③ ~~0~~ ④ sm 2, 2, 3

✓ #000 035 Aw 64 Sw 1
✓ CH 34

267 (729)

66 Wd01135 M205M60 AL401W25R120 ??UNK20 MA15 G5

① Q ② SW 4, 5, 7, 9 ③ SW 2 Av 26, 30
④ Av 22, 24, 30 ⑤ SW 3, 4, 4 Av 28, 30

#5 CC 030 AW 60 Bw ⁸ ~~12~~ SW 2
C# 33

266
(710)

GC WISH 35 HAN 35 AL 30 SM 45 ?? UNK 20

① SM 3 ② Aw 28, 29, 30, 31, 32 ③ Sw 5, 5, 6 ~~18~~
Aw 22, 24, 24 ④ Sw 5, 7, 9 Sw 18, 20
⑤ 2

~~11/1~~ Dec 025 AN 65 Bu ³~~10~~ SW ~~1~~ BE 1
 CH 34

265
(650)

Q1 SM ⁷⁰~~65~~ W15 H35 AL30 B15 MB

① SM 3 An 28, 30, 33 ② ③ An 28, 30, 33 ④ ~~SM 3 An 26~~

#3 CC 040 AWS DBWB SW1 B1 264 (631)
CH 74

GC 5M65W20H35610 7UNK 15AL20

① $\text{Sm} 2 \text{ in } 24, 25$ ② $\text{Pw } 4, 10$ ③ \times ④ \times ⑤ $\text{Sw } 4, 5$

H(2) CC 045 AW 45 BW 8 SW 2 263 (612)
CN 31

6. SM 70 H30 W20 SW2B, 2700K 20 HN10

① 5M3 ② 5M2, 2, 3, 4 ③ ~~2~~ ④ 5M4 5M4 5M7, 8, 9
10, 12, 14 ⑤ 5M4, 4

1000 040 AW 55 SW 5
32

262 0555

1. $E_{\text{cell}} = 1.45 \text{ V}$, $P = 2 \text{ W}$, $I = 25 \text{ mA}$, 10^{-7} mol , 35 cm^3

③ SM 3

6/18 Mixed Sw Marathon

#25

① 0609 271
RCKI 40, 120

WIWR 80, 100

MYWA 80

REVI 100, 70/100

WTSP 120, 140, 200+, 70

SWTH 80, 100

BLBW 60, 40

BBWA/60

AMRE/60

RUGR/60

② 0701 272
AMRE 30
BLBW 30

SWTH 60C, 90

WIWR 90

OVEN 100, 90

WTSP 200+, 160, 180, 200+

MAWA 70, 70

MOWA 90

GCKI 40

REVI/100

③ 0819 273

LEFC 40, 90, 90

NAWA 40/110

SWTH 100, 110, 200, 60C

WTSP 110

AMRE 110, 100

BTNW 90

BBWA 40

WIWR/60

BTBW 70

② CC 045 Sw 30 Aw 15 Bw 15 272
C4 28

GC 625H 25M Bx 30 RD 40 AC 40 W 20 R 125

① Sw 4, 46, 8, 10 ② AL 3 Sw 5, 7, 10, 11 ③ Q

④ Sw 6, 7 ⑤ Q

① CC 045 Sw 40 Bw 10 Aw 5 271
C4 28

GC 95 G 40 H 40 W 25 R 30 B 15 AC 40 R 120 MA 15

① Sw 5

② AL 2

③ Sw 6, 7, 10, 11, 12, 13, 15

④ Q

⑤ AL 2, 3, 3, 4

③ 0836 273 ④ 0847 274

WTSP 70, 160

BTNW 40

WIWR 70

BBWA 40

AMRO 80

SWTH 100, 110

BTNW 70, 110/110

RCKI 100, 90

MAWA 90, 70

WIWR 110

RCKI 90

WTSP 140, 90

WWCR 10

MAWA 90

SWTH 150

MOWA 90

BCCH 100

④ CC 055 Sw 25 Bw 15 Aw 5

C4 31

GC 40 G 40 W 20 H 30 R 15 B 15 MA 20

① Q

② Q ③ Aw 25, 26, 26 ④ Q

⑤ Q

#3 CC 045 SW 20 Bw 20 AWS 273

CH 31

GL M 40 640 H 40 SM 30 MA 15 B 10 W 20

① Bw 40 ② AL 3, 3, 4 ③ SW 10 ④ 0

⑤ Bw 5, 6, 8, 15, 10

6/19 SB Okabunge (Wawa) #26

① 0632 275

NAWA 40

BBWA 40

COYE 80, 90

WTSP 140, 100, 160, 70L

SWTH 150, 160

NAWA 80

RCKI 90

MJWA 60, 90, 100

REVI 90

MAWA 160

② 0643 276

BBWA 20,

BLBW 40

REVI 70

TEWA 90, 70

MAWA 70

NAWA 90/70

CHSP 90

WTSP 130

PISI/KO

MJWA 40

③ 0702 277

SWTH 80

RCKI 80

NAWA 90, 80

DEJU 80

COYE 80

TEWA 70

YBFL 80

WTSP 80, 90, 140

SOVI 80

BOCH 60

WIWA, 80

#2 CC 045 SB ⁵⁰ AWS 276

CH 28

GL M 30 W 10 H 30 AL 25 LT 35 BLB 40

① X

② BF 3 AW 25 ③ AL 1, 2

④ X ⑤ SB 24

#1 CC 045 SB 50 AWS 275

CH 29

GL M 50 H 30 AL 30 LT 35 BLB 45 W 10 G 10 MA 20

① SB 10, 12, 13 ② SB 8, 9 ③ X ④ X ⑤ SB 11

#3 CC 035 SB 65 277

CH 24

GL M 100 LT 30 AL 35 BLB 40 W 10 G 20

① SB 5, 10, 11, 12, 14 ② X ③ X ④ X ⑤ X

6/20 Shoals (Chapman) JP

#27

① 0545 278 Veg #0cc 025 JP 75
WTSP 130, 400 CH 26 LT 20
DEJU 90 GL M100 H20 W20 BLB 40 SB 30 BA 15
LISP 60 ① X ② JP 21
GCKE 40 ③ X ④ JP 14, 20 ⑤ X
NAWA 40
REVI 100
MYWA 90

② 0602 279 #② CC 040 JP 60
WTSP 90, 60, 120, 130 CH 25 SB 25 PC 10
CHSP 110 GL M100 H30 W10 BLB 45 BW 20
NAWA 140, 120 ① JP 19 ② X ③ X
SWTH 100, 140 ④ SB 5 JP 21, 24 ⑤ JP 18, 20, 21
REVI 80
CORA 90
WWCR FO

③ 0619 280 ④ 0635 281
SWTH 130, 100 CHSP 80, 110
NAWA 110/200 MAWA 80
MYWA 60 WWCR 90
WTSP 90, 140 WTSP 90, 90
MAWA 90 NAWA 100
WWCR 160 SOU 100
BRCH 80
BOCH 70

⑤ 0644 282

#⑤ CC 040 JP 60
SWTH 100, 110 CH 30
NAWA 90, 120 GL M100 H25 W10 BLB 45 SB 40 PC 10
CHSP 130 ① JP 5, 6, 8, 10, ② X
MAWA 100, 100 14, 16, 20
WTSP 90, 130 ③ JP 6, 8, 10, 14, 15, 16, 17, 18, 19, 20
MYWA 90 ④ X ⑤ X
WWCR 180
BBWA 160

#④ CC 045 JP 55 281
CH 31
GL M100 H25 W5 BLB 60 SAL 10 LIC 2 BW 10 SB 15 BE 10
① JP 12 ② BW 4 ③ JP 18, 18, 24 ④ X
⑤ X

#③ CC 050 JP 50 280
CH 29
GL M100 H35 BLB 55 SB 50 SAL 15 W10 BE 10
① X ② X ③ JP 13, 15 ④ X
⑤ JP 14, 15,

⑥0730 283

REVI 90

CHSP 90

NAWA 90, 80

MYWA 70

~~GICKI~~

⑦0734

284

GICKI 40

OVEN 90

NOPA 40

PRUR 80

NAWA 100, 60, 150

? REVI 80

WWLR 70

SWTH 180

WTSP 200

#⑦CC 040 JP10

CH 31

284

GC MID H30 AL40 PC35 SB30 BF30 WID BW30 BLB40

① JP 17 ② JP 25 ③ BF 3 JP 29

④ JP 24 ⑤ Q

⑥CC 045 JP55

CH 27

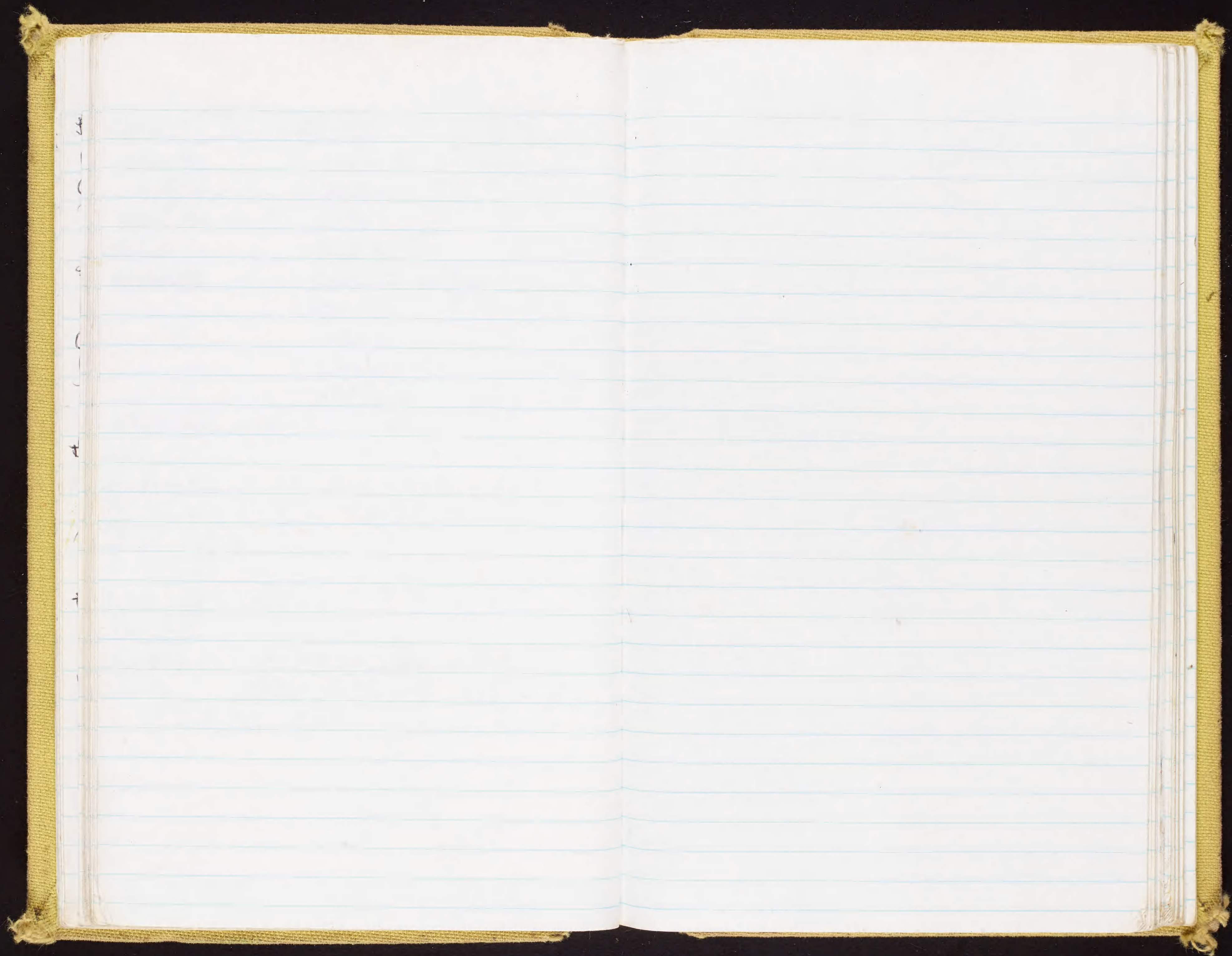
283

GC MID H25 BLB90 LC5 W5 SB ²⁵ SAL10 AL5 ²³

① Q ② JP 30 ③ JP 12, 14, 16, 24

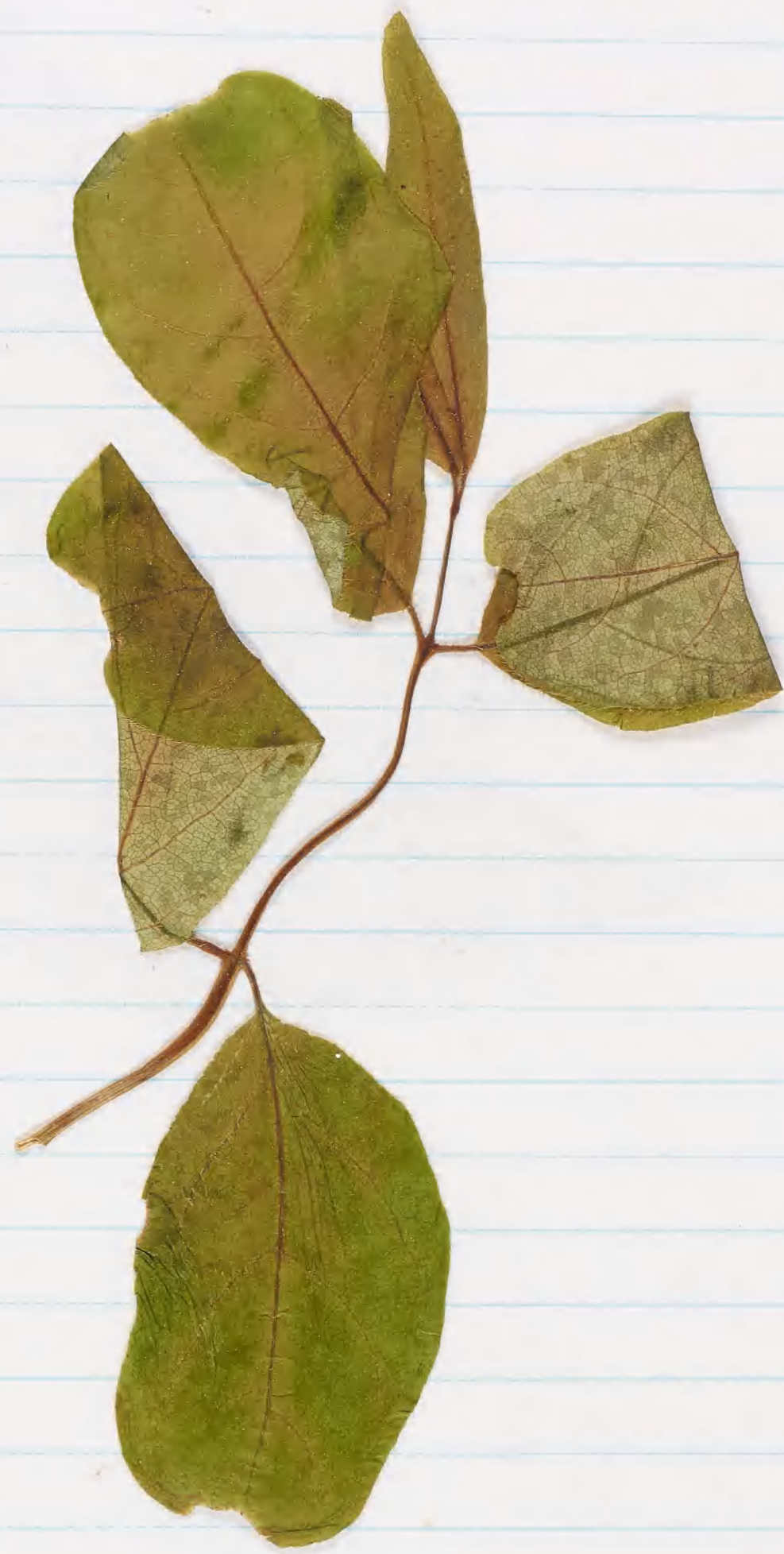
④ JP 11, 12, 13 ⑤ Q

done.



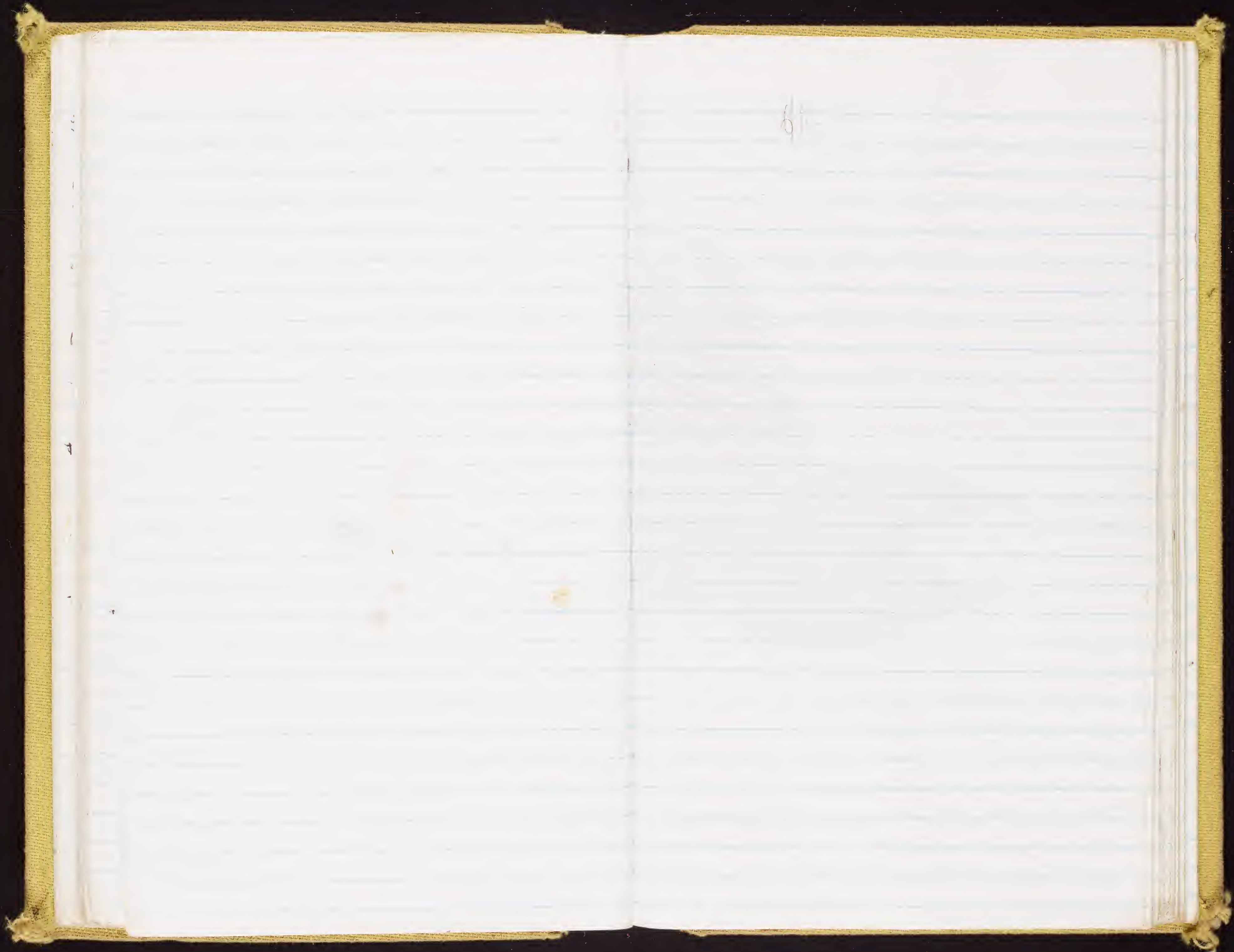
6/10

6/2





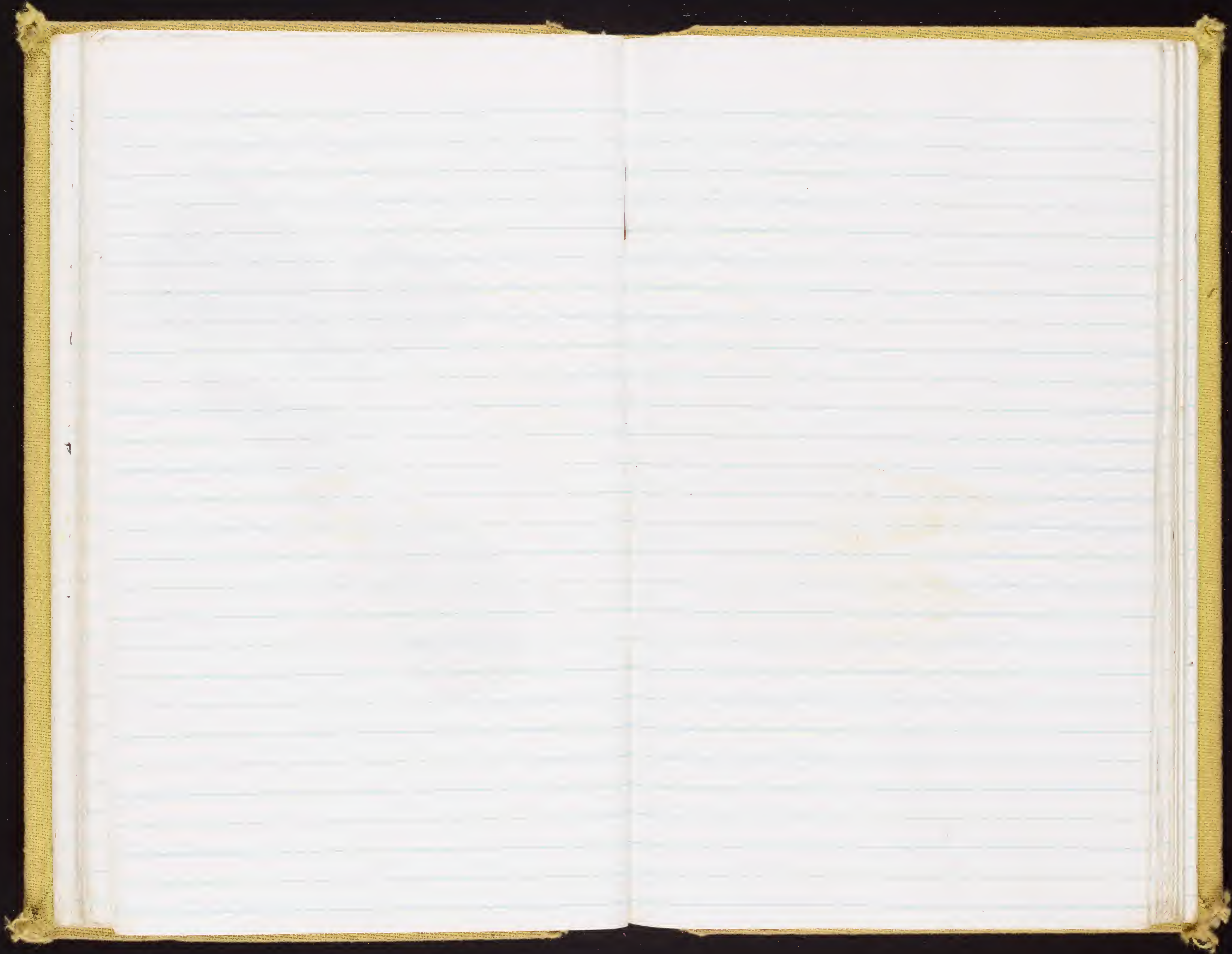


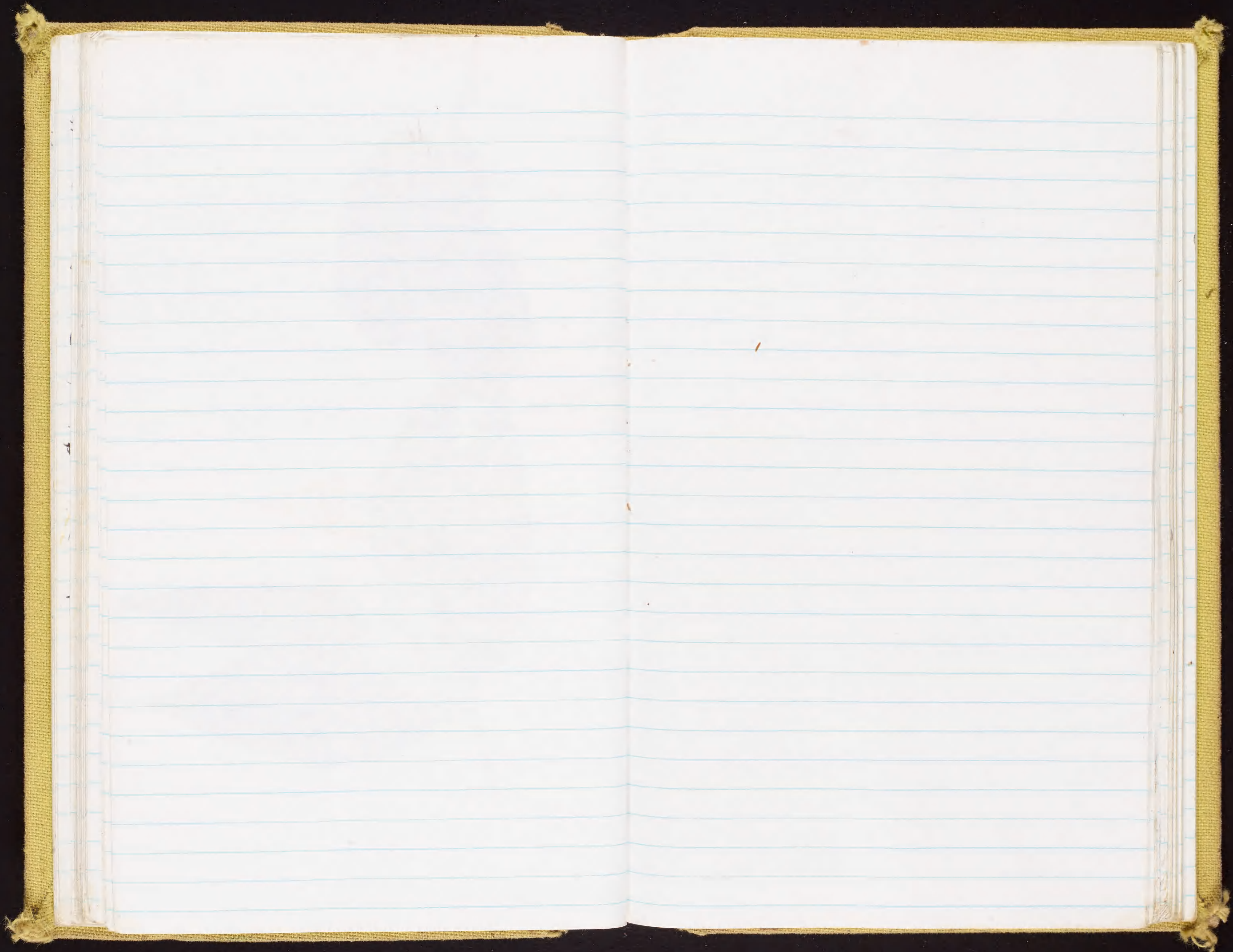




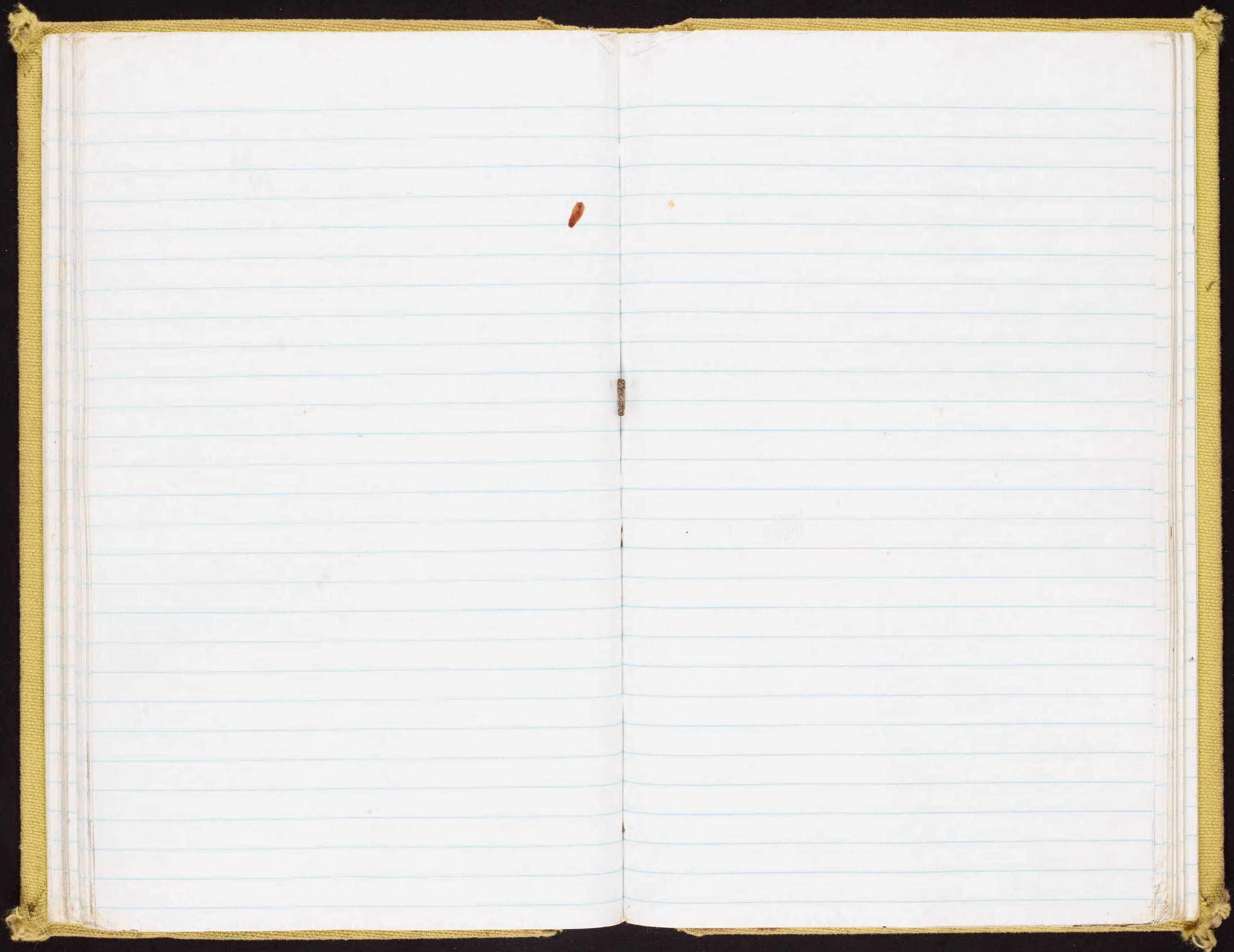








6/9



Gogama 4/5

BWWT ♀

Mixed Aw 23m/30m 31m Aw
20% B ① branch 7min
X branch stand glean.

AMRE ♀

Mixed Aw, ^{Bw} 11m/16m 23m Aw
10% B ② branch 10mm
1m branch aerial/upstrike glean

BWWT ♀

Mixed ^{Bw} Aw 19m/23m 23m Ps
10% A ① branch 20mm X
branch stand glean

CSWA ♀ calling (diff. song?) ³³

Mixed 14m/18m ~~20m~~ Aw
40% B ① branch 6mm
X catkin stand glean

NAWA

20m/30m 33m Aw
40% C twig 5mm X
L stand ~~at~~ ED glean

Parupine in a tree (asleep)

see a drumming RUBR & a BTBW

MAWA ♂
Mixed 11m/22m 31m Aw
40% B (2) branch 8mm
11cm branch US glean

TEWA
Fir 1m/5m 20m Bf
60% B (4) branch 3mm
13cm branch US hang glean

MAWA ♂ (S)
SB 1.5m/2m 20m Siv
50% C (2) branch 3mm &
branch S G

CSWA ♂ (S)
Aw 1m/1.5m 13m AL
10% A (1) branch 6mm &
stem S G

PHVI
Aw 8m/13m 21m Aw
35% B (2) branch 6mm
& branch S G

AMRE ♀
Mixed 3m/4 25m Bw
25% A (1) branch 5mm
24m air large glean.

CSWA 4m/17m 23m Aw
25% B (1) branch 7mm
25cm air US hang glean

AMRE ♀
3m/7m 20m Aw
25% A (1) branch 15mm
6m air LUNBITE lower glean

6/6
BLBW ♂ S
JP 11m/21m 26m JP
95% C (2) twig 3mm &
branch S RUG

BLBW ♂ S
JP 15m/21m 25m JP
100% C (2) branch 20mm &
twig S RUG

Mattagum:

MYWA ♀

Mixed 21m/30m 33m Jp
80%. B (2) branch 30mm &
needle cluster S G

MYWA ♀

Jp 17m/21m 28m Jp
95%. A (1) branch 3mm 30cm
air L H G

MYWA

Jp 7m/18m 22m Jp
80%. B (1) branch 7mm &
branch S G

CSWA ♂

Ab 0.25/2m AL 6m
20%. A (1) stem 3mm &
glade S RD G

MYWA

2m/2.5 6m AL
20%. B (1) branch 5mm
5m air large G

BLBW

2m/2.5m 6m AL
20%. B (1) branch 4mm &
branch S G

OTT

SOVI

Mixed 10m/22m 30m Aw
80%. B (2) branch 11mm
2m 1.5m ~~branch~~ L H G

MYWA ♂ (S)

23m/25m 25m Sg
70%. A (2) tip of tree on twig 3mm
& amongst cones S G

NAWA ♂ S

Sw 1.5/2m 26m AL
85%. C (1) branch 3mm
& UL S G

BBWA

7m/11m 30m Sg
90%. C (2) branch 5mm
45cm air L H G

GCKI

6m/8m 30m Sg 90%.
C (2) branch 3mm 40cm air L H G

(same)

GCKI 6m/7m 30m Sp 90%. C
① branch 4mm & branch S G

BBWA ♂ (S) 6m/10m 30m CE 85%.
B ② branch 6mm & branch S RD G

BECH 3m/9m 30m CE 85%. B
② branch 5mm & ~~branch~~ lichen
S G

BBWA (same) ♂ S 9m/14m 30m Sp 85%.
C ① branch 4mm 30cm catkin
US H G

BLBW ♂ S 15m/19m Aw 24m
75%. C ② branch 4mm & UL
S RU G

MAWA ♂ (S) 7m/15m 23m Bw
85%. B ① branch 5mm &
lichen S G

MYWA ♂ S 16m/23m 29m Bw
80%. B ① branch 15mm &
branch S G

DEJU SB 15/7m 22m Sp 100%.
B ② branch 10mm & branch S G

NAWA 1m/2m 26m AL 98%.
C ① twig 3mm & UL (hdding)
S G

MAWA ♂ 4m/13m 28m 85%.
B ① branch 20mm & branch
S G

MAWA ♂ S 5m/5m 20m Sp
95%. C ② branch 4mm &
branch S G

DONE to here 6/23

6/8

CHSP JP 9m/13m 22m JP
90%. B ② branch 25mm & branch
S G

BRCK ♂ JP 4m/9m 22m JP
95%. A ① trunk & under
bark S PROBE

CHSP 7m/14m 25m JP
85%. C ② twig 4mm & needle
S RU G

BLBW ♂ JP 19m/19m 22m JP
90%. C (2) branch 5mm 45cm
air L H G (sallied)

REVI
TENA 20m/30m 32m Aw
1%. C (3) branch 5mm &
UL S RU G

REVI ♂ S 15m/33m 33m Aw 1%.
B (3) branch 8mm & UL S RU G

REVI ♂ S 18m/34m 35m Aw 1%.
B (1) branch 35m & lichen S G

6/7 Kettle Lakes

AMEE 20/24m 33m Aw 0%.
H (3) branch 15mm 45cm L
L H G

BBWA 22m/32m 34m Aw 2%.
B (3) branch & L S G

SWTH 20m/32m 34m Aw 10%.
B (4) branch 30cm L H G

AMEE ♀ 25m/32m 34m Aw 10%.
C (3) branch 50mm 30cm & L
US H G

REVI ♂ 18m/25m 25m Aw 80%.
B (3) branch 5mm & & UL
S G

DEJU 5m/7m 27m JP 90%.
B (2) branch 55mm & branch
S G

MYWA
YWEA ♂ 14m/22m 27m Aw
80%. B (3) branch 30mm 15mm
UL L H G

BCH 20m/22m 27 Aw
80%. C (2) ~~4~~ 4mm & L S G

kettle lakes aspen 6/10

WILR ♂ S 0m 35 SB 15%. A (1) branch
(deadfall) 15mm & branch S G

6/11

GRY 6m/14m 18m SB 100%. A (1)
branch 10mm & branch S G

GCKI 2m/^{7.5} 16m SB 100%. B (2)
branch 5mm 20cm branch RUSH G

BCEH 2m/4m 7m SALIX 75%.
A (1) branch 4mm 40cm branch
US HANG G

6/13 moonbeam mixed

AMRE ♂ S 6m/9m 22m Bw 30%. (1)
(1) branch 11mm & branch 5 G

AMRE ♂ S 6m/15m 22m Bw 40%
(2) branch 50mm 1.5m & Under L
US H G

6/14 nagagamissis mixed

BEWA ♂ S 4m/13m 18m Bw 70%.
(2) branch 11mm 1m L H G

TEWA 14m/18m 22m Sw 15%.
(2) branch 15mm & needle 5 G

TEWA ♂ 20m/30m 22m Bw 40%.
C (2) branch 5mm & branch 5 G

MYWA 18m/20m 22m Bw 40%.
(2) branch 10mm 25cm branch
H G

6/15 nagagamissis mixed

AMRE ♂ 9m/12m 14m Bw 15%. B (2) branch 4mm 1m
US G

REVI 6m/6m 24m Bw 15%. (2) branch 10mm 30cm
L G leaf L G.

BLBW ♂ 19m/19 24m Bw 15%. C (1) branch 6mm 30cm
branch US H G (cutting at top of tree)

CHSP 5m/25m 25m Bw 15%. S B (1) branch 4mm &

NEE S HAM

TEWA ♂ 12m/20m 26m Sw 75%. (1) branch 8mm & NEE
S G

BEWA ♂ 20m/27m 34m Bw 55%. (2) BR 6mm 20cm LEAF
RUSH G

REVI 16m/20m 30m Sw 75%. (3) BR 11mm 15cm NEED
US HANG G

BLBW 16m/26m 20m Sw 65%. (3) BR 9mm & NEED S G

6/17 Putnam mixed

MAWA ♂ 10m/23m 25m Bw 35%. C (2) BR 5mm & LEAF H G

CWA ♂ 3m/5m 26m SALIX 35%. C (1) BR 12mm 5cm ^{upper RUSH} LEAF GLEAM

6/18

REVI ♂ 6m/9m 15m Bw 40%. B (3) BR 18mm 35cm LEAF US
H G

AMRE ♂ 5m/6m 20m SAL 85%. B (2) BR 7mm 1m air US
H G

REVI ♂ 4m/5m 6m SAL 10%. B (3) BR 12mm & pchale S

HU G 6/19

CHSP ♂ 17m/18m 22m SB 100%. C (2) BR 10mm & BR S G
^{upper leaf}

TEWA 16m/17m 24m Bw 50%. C (3) BR 4mm & S RD G

⑦V 10m-19m 22m B 100%. B (2) br 30mm Q br 1 gl

BLWA^s 11m/20m 26m As 90%. B(3) br 6mm & le st gl
MYWA 12m/24m 26m JP 90%. B(2) br 15mm 10cm ve vs ho gl
BLWA 8m/9m 26 As 90%. B(3) br 6mm & 1/2 st gl
" 6/7 26 As 90% B(3) br 8mm 6cm ds ho gl
BLWA 14m/22m 26 As 90%. B(3) br 15mm & le st gl
DEU 6/24 29 JP 95%. A(1) br 45mm & br st gl
MYWA 1m/4m 30 SA 95%. B(2) br 10mm 15cm le 1. ho gl
YBEL 10m/10m 30 JP 100%. C(1) br 3mm 1.5m ai 1. ho gl
YBEL 13m/25m 30 JP 95%. C(1) br 6mm 1.2m ai 1. ho gl
BLWA 10m/15m 29 JP 95%. B(3) br 8mm & 11 st gl
BLWA^s 17/21m 24 Bi 85%. B(3) br 10mm 1.5 le 1. ho gl
OSFL⁷ 12/12m 24 JP 90%. C(1) tip 40mm 12mm ai 1. ho gl

6/27 Tata JP

CHSP^s 20/21 25 JP 85%. B(2) br 5mm & ne st gl
RBN^s 4/7 20 As 75%. B(3) br 4mm & 11 st gl
CHSP 4/21 21 JP 90%. C(1) br 30mm & 1. st gl
CSWA^s 20/24 26 As 80%. B(3) br 45mm 8cm le ru ho gl
" 19/24 br 50mm & br st gl
CHSP^s 12/19 25 JP 90%. B(2) br 50mm & br st gl
CHSP 1/2 25 RR 90%. B(1) br 10mm & br st gl
DEU 3/5 32 As 90%. B(1) br 8mm 12cm ai 1. ho gl
MYWA^s 24/25 30 JP 90%. B(1) br 45mm & br st gl
CHSP 0/1 29 BR 80%. B(3) br 4mm & ne st ru gl
BLWA^s 19/26 30 As 90%. C(2) br 15mm & le st gl
" 12/12 30 JP 70%. B(2) br 40mm & ne st rd gl
CHSP 10/10 29 JP 70%. B(2) br 40mm & br st gl
MAWA^s 3/4 30 RR 70%. B(1) br 5mm & ul st gl

CHSP 8/24 29 Bi 75%. B(3) br ¹⁵35mm & ul st rd gl
CHSP 8/24 29 Bi 75%. B(3) br 35mm 15cm le ru ho gl
NAWA 18/20 21 As 10%. B(3) br 8mm 40cm ul vs ho gl
BWWA^s 14/16 21 BS 10%. A(1) br ^{25mm}75mm & br st gl

6/28 Kid Creek Timminic SB

BLWA^s 13/13 20 SB 95%. C(1) br 15mm 40cm ve vs ho gl
CHSP 10/20 22 SB 95%. B(1) br 5mm & 1. st gl
6/29 Greenwater JP

NAWA 11/14 14 JP 95%. B(2) br 8mm 20cm ve vs ho gl
CHSP 1/2 16 SA 95%. B(1) br 4mm & br st gl
CHSP 3/10 16 JP 95%. B(1) br 5mm & ne st gl
CHSP 10/14 21 JP 95%. B(1) br 20mm & 1. st gl
LEFL 18/24 24 Bi 100%. B(1) br 5mm 20cm le vs ho gl
CHSP 3/11 30 Bi 20%. B(1) br 10mm & br st gl
6/30 Ester Lakes

CHSP 2/14 28 JP 84%. C(2) br 10mm & br st gl
NAWA^s 14/ 26 JP 45%. C(1) br 8mm & br st gl
MYWA 1/2 PR 85%. B(1) br 12mm 10cm br vs ho gl
NAWA^s 20/26 JP 95%. B(1) br 15mm & 1. st gl
LEFL 12/30 Bi 100%. B(2) br 20mm 50cm le 1. ho gl
AMRE 10/26 Bi 100%. A(1) br 40mm 35cm le vs ho gl
7/1 Ester SB

MYWA 2/14 SB 100%. A(1) br 30mm & br st gl
MYWA^s 10/12 30 100%. B(1) br 45mm & br st gl
MYWA 6/20 SB 100%. B(2) br 30mm 50cm ai 1. ho gl
BWWA 18/32 SB 100%. A(1) br 160cm & 1. st gl
NAWA 21/33 TA 100%. C(2) br 20mm & br st gl





BLWA^s 11m/20m 26m As 90%. B(3) br 6mm & le st gl
MYWA 12m/24m 26m JP 90%. B(2) br 15mm 10cm ne vs ho gl
BLWA 8m/9m 26 As 90%. B(3) br 6mm & 11 st gl
" 6/7 26 As 90% B(3) br 8mm 6cm ds ho gl
BLWA 14m/22m 26 As 90%. B(3) br 15mm & le st gl
DEU 6/24 29 JP 95%. A(1) br 45mm & br st gl
MYWA 1m/4m 30 SA 95%. B(2) br 10mm 15cm le 10 ho gl
YBFL 10m/10m 30 JP 100%. C(1) tr 3mm 1.5m air 1m gl
YBFL 13m/25m 30 JP 95%. C(1) tr 6mm 1.2m air 1m gl
BLWA 10m/15m 21 JP 95%. B(3) br 8mm & 11 st gl
BLWA^s 17/21m 24 Bi 85%. B(3) br 10mm 1.5 le 10 ho gl
OSFL 12/12m 24 JP 90%. C(1) tip tr 40mm 10cm air 1m gl
6/27 Tota JP

CHSP^s 20/21 25 JP 85%. B(2) br 5mm & ne st gl
RBN^s 4/7 26 As 75%. B(3) br 4mm & 11 st gl
CHSP 4/21 26 JP 90%. C(1) br 30mm & 11 st gl
CSWA^s 20/24 26 As 80%. B(3) br 45mm 8cm le ru ho gl
" 19/24 br 50mm & br st gl
CHSP^s 12/19 25 JP 90%. B(2) br 50mm & br st gl
CHSP 1/2 25 RR 90%. B(1) br 10mm & br st gl
DEU 3/5 32 As 90%. B(1) br 9mm 10cm air 1m ho gl
MYWA^s 24/25 30 JP 90%. B(1) br 45mm & br st gl
CHSP 0/1 28 RR 80%. B(3) br 4mm & ne st ru gl
BLWA^s 19/26 30 As 90%. C(2) br 15mm & le st gl
" 12/12 30 JP 70%. B(2) br 40mm & ne st rd gl
CHSP 10/10 29 JP 70%. B(2) br 40mm & br st gl
MAWA^s 3/4 30 RR 70%. B(1) br 5mm & ul st gl

CHSP 8/24 29 Bi 75%. B(3) br ¹⁵35mm & ul st rd gl
CHSP 8/24 29 Bi 75%. B(3) br 35mm 15cm le ru ho gl
NAWA 18/20 21 As 10%. B(3) br 8mm 40cm ul vs ho gl
BWWA^s 14/16 21 BS 10%. A(1) br ^{25mm}75mm & br st gl

6/28 Kid Creek Timminic SB
BWWA^s 13/13 20 SB 95%. C(1) br 15mm 40cm ne vs ho gl
BWS 10/20 22 SB 95%. B(1) tr 5mm & tr st gl
6/29 Greenwater JP
NAWA 11/14 14 JP 95%. B(2) br 8mm 20cm ne vs ho gl
CHSP 1/2 16 SA 95%. B(1) br 4mm & br st gl
CHSP 3/10 16 JP 95%. B(2) br 15mm & ne st gl
CHSP 10/11 21 JP 95%. B(1) br 20mm & 11 st gl
LEFL 18/24 24 Bi 100%. B(3) br 30mm 20cm le vs ho gl
CHSP 3/11 30 Bi 20%. B(1) br 10mm & br st gl
6/30 Ester Lakes

CHSP 2/14 28 JP 85%. C(2) br 10mm & br st gl
NAWA^s 14/ 26 JP 45%. C(1) br 8mm & br st gl
MYWA 1/2 RR 65%. B(1) br 12mm 10cm br vs ho gl
NAWA^s 20/21 JP 95%. B(1) br 15mm & br st gl
LEFL 12/30 Bi 0%. B(2) br 20mm 50cm le 10 gl
AMLE 10/26 Bi 0%. A(1) br 40mm 35cm le vs ho gl
7/1 Ester SB

MYWA 2/14 SB 100%. A(1) br 30mm & br st gl
MYWA 10/12 SB 100%. B(1) br 45mm & br st gl
MYWA 6/20 SB 100%. B(1) br 30mm 50cm air 10 ho gl
BWWA 18/32 SB 100%. A(1) tr 100cm & tr st gl
NAWA 7/13 TR 100%. C(2) br 20mm & br st gl

NAWA 14/32 33 TA 100%. C ② br 15mm 10mm ne us hugl
 NAWA 15/32 33 TA 100%. C ② br 15mm & br st gl
 NAWA 10/32 31 TA 100%. C ② br 15mm & ~~st~~ st ru gl
 BOCH 3/21 30 SB 100%. B ③ br 18mm 10mm ne ~~st~~ gl
 NAWA 13/20 33 SB 100%. B ② br 8mm & ne st gl
 BBWA 11/24 34 SB 50%. C ③ br 8mm & ne st gl
 BBWA same 6/19 33 AS 30%. B ② br 4mm ~~15mm~~ ^{15mm} ~~ru~~ ^{ru} gl
 MYWA 15/25 26 JP 95%. A ② br 15mm & tr st ru gl
 DEU 7/9 33 AS 20%. B ① br 25mm & li st gl
 DEU 12/18 33 ~~TA~~ 25%. C ② br 20mm ~~15mm~~ ^{15mm} ~~ru~~ ^{ru} gl
 CSWA 2/5 25 AL 15%. B ① br 15mm 10mm br ~~st~~ gl

7/2 Kettle Lakes

MYWA 14/26 33 AS 40%. B ② br 35mm 80mm ul ds hugl
 MYWA 14/15 28 JP 55%. A ② br 30mm & ne st gl
 MYWA 2/3 27 AL 80%. B ② br 15mm & br st gl
 BOCH 5/15 27 JP 80%. B ① br 8mm & br st gl
 BLWA 10/21 27 Bi 60%. B ③ br 20mm 25mm ul us hugl
 CHSP 12/16 22 JP 90%. B ② br 10mm & ne st gl
 CHSP 0.2/0.5 27 NAW 95%. A ① tr 4mm & ul st ru gl
 BLWA 14/26 35 Bi 55%. B ③ tr 5mm & ul st gl
 BLWA 15/26 36 Bi 55%. B ③ tr 6mm 15mm le us hugl
 TEWA 10/13 31 AS 75%. B ① tr 5mm & br st gl
 BBWA 10/15 34 Bi 60%. B ② br 8mm & br st gl
 BLWA 11/20 33 AS 40%. B ③ br 30mm & le st ru gl
 AMLE 2/3 30 SA 5%. B ③ br 25mm & br st gl
 " 4/8 30 Bi 5%. B ① br 10mm 30mm le ru hugl
 BBWA 16/26 30 AS 15%. B ② br 15mm 10mm br ru gl

LEEL 5/21 28 Bi 25%. C ① br 40mm 13mm ul us gl
 BBWA 10/11 31 SW 15%. C ① br 5mm & ne st gl
 MYWA 21/23 31 JP 25%. B ② br 10mm & ne st ru gl
 BBWA 22/35 35 JP 85%. B ③ br 8mm & ne st gl
 MYWA 16/28 33 JP 85%. B ② br 15mm & br st gl
 " 15/28 33 JP 85%. B ② ~~12mm~~ ^{12mm} 25mm ne ru hugl
 BOCH 10/30 33 JP 85%. B ① br 15mm & li st gl
 MYWA 2/4 32 LC 70%. B ① br 6mm & ul st gl

7/3 Kettle Lakes

LEWA 5/24 27 JP 75%. C ② br 5mm & ne st gl
 CHSP 12/27 29 JP 95%. C ② br 4mm & ne st gl
 CHSP 14/26 32 JP 100%. B ② br 25mm & ne st gl
 BOCH 9/21 30 JP 80%. B ② br 15mm & ~~br~~ ^{br} st gl
 BOCH 6/12 30 JP 80%. C ② br 15mm & ne st gl
 REKJ 11/30 30 JP 80%. B ② br 25mm 6mm ne ds hugl
 MYWA 2/12 30 JP 80%. C ① br 4mm & br ~~st~~ ^{ru} gl
 CHSP 2/14 28 PR 80%. B ② br 7mm & br st gl
 CHSP 3/4 28 PR 80%. B ② br 10mm & br st gl
 CHSP 2/26 30 JP 95%. C ① br 25mm & br st gl
 BBWA 11/18 30 JP 90%. A ① br 40mm & br st gl
 CHSP 9/29 30 JP 90%. C ③ br 15mm & ne st gl
 DEU 21/31 35 JP 100%. A ② br 65mm & tr st gl
 BOCH 5/16 31 JP 100%. C ① ^{100mm} 6mm & tr st gl
 BOCH 6/16 31 JP 100%. A ① tr 80mm & tr hugl

7/4

BBWA 10/30 30 AS 5%. B ③ br 30mm & br st gl
 MYWA 21/30 30 AS 5%. B ③ tr 6mm & le st gl

Porcupine
Dumont.
Forest past Hogle.

NAWA 9/12 30 As 5%. B(3) br 8mm & ul st rugl
 CSWA^s 23/34 34 As 5%. C(3) tr 6mm & ul st rd gl
 MAWA^s 23/34 34 As 5%. B(3) br 10mm & ul st gl
 NAWA 10/21 30 SB 70%. C(3) br 10mm & nest gl
 TEWA 6/6 29 As 5%. C(3) br 15mm & le st rd gl
 BWWA 13/16 24 As 60%. B(3) br 25mm & br st gl
 GCKI 19/24 26 SB 75%. C(3) br 8mm 10cm ne lu hogl
 MYWA² 13/21 25 SB 80%. C(3) br 8mm 6cm ne lu hogl
 MYWA² 7/19 32 SB 75%. B(3) br 15mm & ne st gl
 GCKI^s 9/26 30 SB 95%. B(3) br 15mm 5cm ne lu hogl
 11 same 10mm & ne st gl

GCKI 19/25 27 SB 100%. B(3) br 15mm & ne st gl
 GCKI 14/24 27 SB 100%. B(3) br 15mm & ne st gl
 GCKI 13/22 27 SB 100%. B(3) br 20mm & nest gl
 MYWA 6/23 28 Bi 80%. B(2) br 25mm & br st gl
 GCKI 10/14 26 SB 100%. B(4) br 10mm & nest gl
 GCKI^c 10/28 33 SB 80%. B(3) 20mm & br st gl
 GCKI^c 12/28 33 SB 80%. B(3) 15mm & ne st gl
 JOV¹⁷ 18/27 33 As 75%. B(1) 20mm & br st gl
 7/5 K.

RCKI 22/28 30 SB 50%. B(4) 20mm & br st gl
 LEVI 14/17 30 As 25%. B(5) 40mm & ul st gl
 LEVI 8/17 30 As 25%. B(3) 35mm & ul st gl
 CHSP 15/27 31 As 55%. B(2) 20mm & ul st rd gl
 MYWA 13/13 23 SB 50%. B(3) 10mm & ne st rugl
 CHSP 10/22 25 SB 70%. B(1) 8mm & br st gl
 REVI 18/30 31 As 40%. B(2) 15mm 40cm le us hogl

AMRE 9/15 22 B. 60%. B(3) br 10mm 40cm le lu gl
 same 7/6

BBWA^s 10/28 35 Bi 45%. B(3) br 25mm & br st gl
 BLCH 2/3 35 SM 65%. A(1) st 8mm & ul st gl
 BLCH 2/25 35 SB 65%. B(1) br 10mm & ne st rugl
 MAWA^s 15/30 36 SB 45%. B(4) br 8mm & ne st rugl
 CEWA^s 1/4 12 AL 5%. B(3) br 8mm & ul st rugl
 CEWA 4/8 13 SB 10%. C(2) br 6mm & ne st gl
 CEWA 2/2 13 PR 10%. B(2) br 6mm 1.2m ne us hogl
 BLCH 10/30 32 As 45%. B(3) br 45mm 55cm le us hogl
 BLCH 2/10 32 As 45%. A(1) br 10mm 30cm le lu hogl
 BLCH 8/14 32 SB 45%. C(3) br 6mm 200cm ul lu hogl
 BLCH 11/14 32 SB 45%. C(3) br 6mm 100cm ul lu hogl
 BWWA^s 20/26 28 Bi 45%. A(1) tr 100mm & li st gl
 BLWA² 27/30 32 Bi 55%. B(2) br 4mm & pe st gl
 BLCH 24/34 34 WP 50%. B(2) br 25mm 40cm le lu hogl
 BTBW 14/23 29 As 10%. B(2) br 30mm 10cm le ds gl
 BLWA 2/4 32 AL 45%. B(4) br 10mm & le st gl
 MAWA^s 8/14 24 Bi 10%. B(1) br 10mm 5cm le lu hogl
 CHSP 9/10 32 As 20%. C(2) br 4mm & le st gl
 CHSP 1/24 29 Bi 50%. A(1) br 6mm 5cm tr lu hogl
 CHSP 2/6 24 PR 25%. B(1) br 15mm & le st rd gl
 MYWA² 12/12 20 As 20%. B(2) br 8mm 5cm le lu hogl
 CHSP 21/27 33 As 30%. B(2) br 60mm & le st gl
 LEVI 1/3 26 PR 45%. B(1) br 8mm 25cm le us hogl
 GCKI 4/7 26 As 45%. B(1) br 7mm 5cm ne us hogl
 11 8/26 26 SB 45%. C(3) br 5mm & ne st gl

BBWA^s 8/28 28 AS 51/. C(3) br 6mm & le st gl
" 8/11 28 SB 45/. C(2) br 8mm 15cm ne us ^{us} gl
7/8 Lake Superior mixed

AMRE^s 16/27 27 SB 55/. C(3) ^{tw} 4mm 100cm ai ds gl

AMRE^s 13/24 27 SB 40/. C(3) tw 4mm 85cm ne us hgl

BOCH 14/29 32 SB 45/. C(2) tw 5mm & ne st gl

AMRE 1/1 32 PR 45/. B(1) br 4mm & br st gl

7/9

CHSP 7/13 25 SB 20/. C(3) tw 4mm & ne st gl

BTGW^s 20/25 25 AS 20/. B(4) br 20mm 5mm ds hgl

CHSP 1/4 25 SB 20/. B(3) br 10mm & ne st gl

BTGW^s 32/32 32 SB 45/. C(2) ne 6mm & ne st gl

BTGW 9/12 26 Bi 40/. B(3) tw 3mm & ul st gl

MAWA 7/22 26 AS 20/. B(2) br 45mm & br st gl

BOCH 15/31 31 SB 45/. C(3) ^{tw} br 6mm & ne st gl

MYWA 16/32 32 SP 40/. B(1) br 30mm & br st gl

BLWA 6/10 18 SA 40/. B(2) ^{tw} br 8mm & le st gl

AMRE^s 6/9 18 AS 40/. B(2) br 10mm 10cm le us gl

BWNA 10/24 23 Bi 25/. B(1) br 65mm & br st gl

BOCH 9/19 24 SB 40/. C(3) tw 8mm 10cm ne us hgl

" 11/19 " " " " ne 5mm & ne hgl

BTGW^s 16/25 25 TR 40/. C(2) br 10mm 40cm ne us hgl

BLWA^s 10/10 25 AS 45/. C(2) tw 4mm & le st gl

CHSP 6/8 14 SB 35/. C(3) tw 6mm 10cm ne us ^{us} gl

AMRE 20/22 32 Bi 35/. B(3) br 10mm 20cm le us hgl

AMRE 20/25 28 Bi 30/. C(1) br 30mm & br st gl

BCCH 13/18 26 Bi 10/. B(1) br 80mm & br st gl

lll

AMRE^s 11/16 18 Bi 51/. B(2) br 15mm 35cm ai ds gl

DEJU 2/5 13 SB 51/. B(3) tw 8mm & ne st vgl

AMRE^s 12/16 18 AS 151/. B(3) br 20mm 35cm ai ^{lv} hgl

CHSP 9/17 18 SB 25/. B(3) br 20mm & ne st gl

BCCH 6/10 ~~28~~ SM 20/. C(2) br 5mm & le hgl

BCCH 4/18 ~~28~~ Bi 60/. A(1) tr 80mm & tr hu ~~pr~~

BCCH 8/18 ~~28~~ Bi 60/. A(1) tr 90mm & tr hu pr

BCCH 1/6 25 BF 60/. B(1) tw 4mm & br st gl

303

7/10 Agave Bay mixed

AMRE 1/3 26 SM 45/. B(1) tw 6mm 20cm ^{le} us hgl

CHSP^s 26/28 31 SB 40/. C(1) tw 5mm & tw st gl

BBWA^s 12/20 24 Bi 40/. C(2) br 8mm & le st gl

CAWA 2/16 25 SB ³⁵ 35/. C(1) tw 6mm 15cm le us hgl

BTGW^s 11/20 23 Bi ³¹ 31/. B(3) tw 4mm & ul st gl

AMRE^s 2/3 21 PR 35/. B(2) br 15mm 45cm le us hgl

CAWA 3/4 26 Bi 45/. B(1) br 8mm 20cm 11 us hgl

BWNA 4/14 26 Bi 45/. B(2) br 25mm & br st gl

AMRE^s 5/7 26 Bi 45/. B(2) br 10mm 30cm le us hgl

7/11 Agave Bay

BWNA^s 12/22 26 Bi 30/. A(1) br 40mm & br st gl

DEJU 4/18 26 Bi 35/. B(2) br 45mm & br st gl

DEJU 4/12 26 Bi 35/. B(1) br 10mm & br st gl

BLWA 12/20 26 Bi 20/. C(2) tw 5mm & le st gl

NAWA 10/10 18 Bi 20/. B(1) tw 6mm & tw st gl ^{claw}

BTGW 1/2 22 SM 45/. B(3) tw 4mm 5cm 11 us gl

" 4/13 22 Bi 45/. C(1) tw 6mm 5cm 11 us gl

DEJU 5/24 24 SB 60/. B(1) br 25mm & br st gl

CANA 3/5 17 PR 20%. B(3) br 15mm 15cm^{le} ds gl
CANA 5/18 22 PR 20%. B(1) br 10mm 10cm^{le} ds gl
" 5/19 22 PR 20%. B(3) tw 6mm 10cm^{le} vs gl
CANA^s 2/2 28 Bi 55%. B(1) tw 5mm 15cm^{le} vs gl
CANA 3/28 24 CE 55%. B(2) br 25mm & br st gl
AMRE 4/17 26 Bi 55%. B(2) br 10mm 20cm^{le} vs hogl
~~AMRE 10/19 28~~

NAWA^s 5/3 32 BM 55%. A(3) tw 4mm & le st gl
7/13 Sandbar

MAWA^s 2/3 23 AL 10%. B(3) tw 5mm 5cm^{le} vs gl
BLWA^s 10/10 27 Bi 45%. B(3) tw 6mm 8cm^{le} vs hogl
BLWA^s 5/24 27 SB 45%. C(1) br 20mm & ne st gl
BLWA 15/18 27 Bi 65%. B(3) br 15mm 15cm^{le} lu hogl
BLWA^s 10/18 27 Bi 65%. B(3) br 35mm & tw st^{hs} rd gl
BLWA^s 15/18 33 Bi 55%. B(3) tw 45mm 50cm^{le} ds gl
BLWA^s 23/29 31 AS 45%. C(3) br 20mm 20cm^{le} lu hogl
CANA^s 12/29 31 AS 45%. C(2) br 40mm & 11 st gl
BLWA^s 22/29 31 AS 45%. B(4) br 20mm 15cm^{le} lu gl
REVI 8/10 24 Bi 10%. B(4) br 10mm 30cm^{le} lu gl
BLWA^s 10/24 29 Bi 20%. B(3) br 15mm 5cm^{le} vs hogl
MAWA 6/8 27 Bi 20%. B(2) br 5mm 5cm^{le} lu hogl
NAWA^s 1/2 24 AL 90%. B(4) br 10mm & ne st gl
NAWA^s 6/8 28 AL 90%. B(3) br 25mm & br st gl
CHSP 6/21 24 JP 100%. C(2) tw 5mm & ne st gl
CHSP 8/21 24 JP 100%. C(2) tw 5mm & ne st gl
BLWA 17/22 24 SW 80%. C(3) tw 6mm & ne st gl
NOFA 10/10 22 Bi 80%. C(3) tw 4mm & ul st gl

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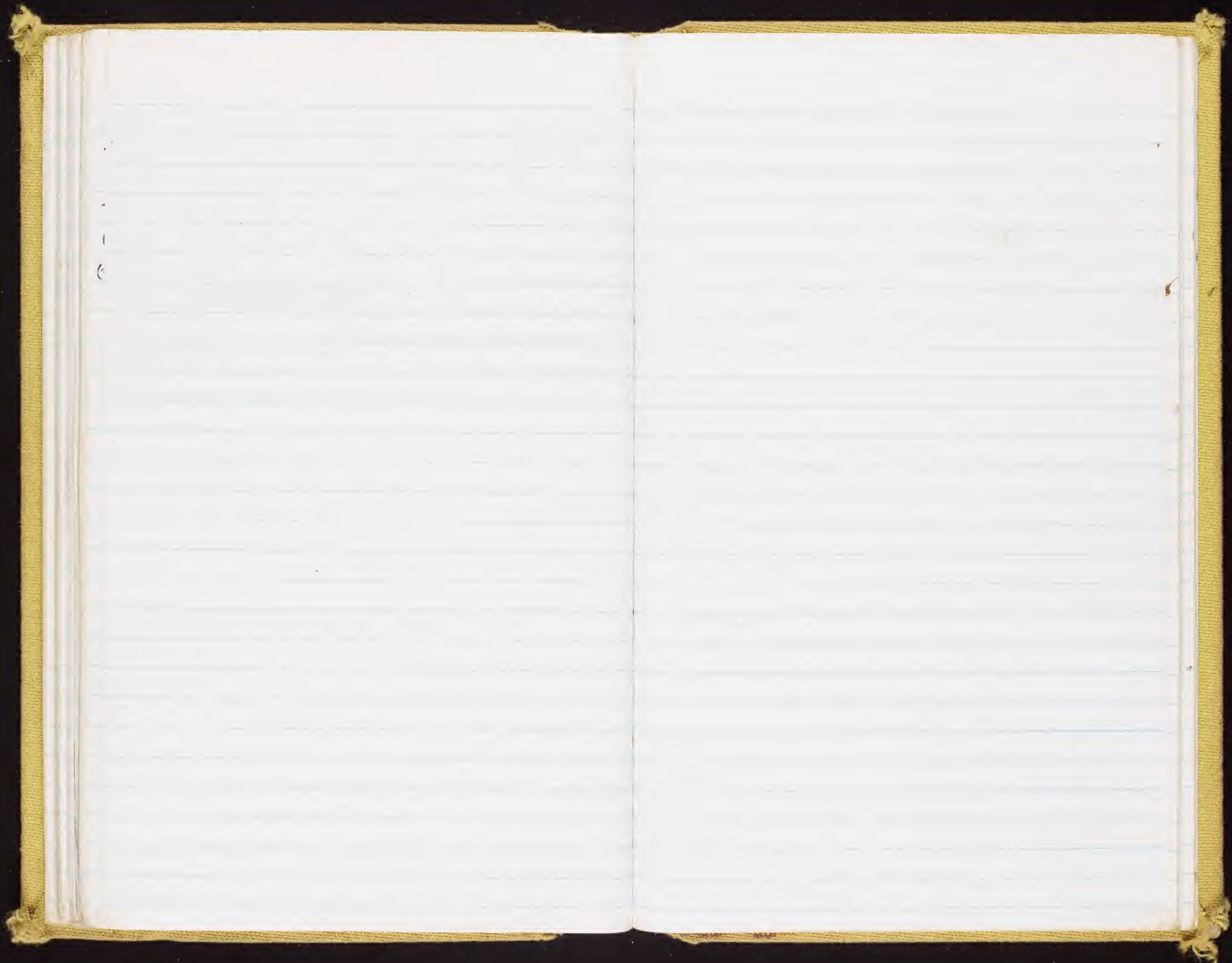
REVI 2/8 10 AS 35%. B(3) br 10mm & st ru gl
CANA 2/8 10 SW 40%. C(3) tw 4mm & ne st gl
BCH 8/10 10 SW 25%. C(3) br 6mm & ne ds gl
TEWA 8/10 10 Bi 25%. C(2) br 10mm & br st gl
TEWA 11/13 16 BP 25%. B(2) br 15mm & ^{left} st rd gl
TEWA 12/18 20 AS 30%. C(2) br 5mm & ul st rd gl
CANA 9/9 20 SW 30%. C(2) tw 4mm & ne st ru gl
CHSP 9/11 20 SW 30%. C(2) tw 8mm & ne st ru gl
BLWA 6/12 20 AS 30%. B(3) br 10mm & le st gl
CHSP 7/8 20 SW 30%. C(3) br 5mm & ne st gl
BCH 5/8 20 SA 35%. B(2) br 10mm & br st^{ne} gl
BCH 2/8 17 AS 15%. A(2) br 10mm & le lu gl
BCH 4/7 17 AS 15%. A(1) st 20mm & ^{stem} st gl
TEWA 1/4 20 Bi 20%. C(3) tw 5mm & le st gl
NAWA 4/5 20 SW 20%. B(3) br 10mm & ul st rd gl
NAWA 11/17 20 SW 20%. C(5) tw 6mm & ne st gl
CHSP 6/9 20 SW 20%. C(3) br 8mm & ne st ru gl
BCH 12/20 20 SW 20%. C(2) br 10mm 5cm^{le} lu hogl
BCH 11/20 20 SW 20%. C(1) br 8mm & br st gl
LEFL 1/2 16 BA 20%. C(1) br 4mm 25cm^{le} lu gl
CANA 11/17 17 AS 20%. B(3) br 10mm 10cm^{le} ds hogl

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NAWA 5/21 26 SB 90%. C(2) tw 5mm & ne st gl
NAWA^s 15/22 24 TA 95%. B(2) br 15mm & br st gl
NAWA 14/15 20 SB 95%. C(3) tw 6mm & ne st gl
CANA 7/14 22 AS 0%. B(2) br 20mm & ^{5mm} le ds gl

TEWA 7/7 20 SA 5/. C (2) br 10mm & ul st gl
TEWA 8/8 21 SW 20/. A (1) br 20mm & br ^{ns} rd gl
BLWA 10/14 22 bi B (3) br 15mm & ul st gl
TEWA 18/21 29 bi C (3) br 10mm & le st rd gl
WROA 22/25 32 As B (1) tw 10mm & le st rd gl
GCKE 18/18 18 bi B (3) br 30mm 20cm le vshog
7/22 ~~BLWA 10/14 22~~ *m. n. Whiteshell Prov. Bk
BLWA 11/19 31 bi C (3) tw 4mm 10cm le lshog
NAWA 3/3 31 AL C (2) tw 4mm & ul st rd gl
TEWA 3/3 31 AL B (3) tw 5mm & ul st gl

phosine



E
I
W
SP
VI
TEWA
BWA

2 CHSP
1 BCR
1 BLBW
4 RETI
4 AMLE
2 BBWA
1 DEJU
2 MYWA
2 BCCH
1 WINR
1 GRJY
1 GCKE
2 TEWA

2

dBase
dB

1 CEWA
8 CHSP
4 BCCH
2 RCKE

1 TEWA *tallied
2 CEWA on
2 CSWA 6/27
2 MYWA
1 NAWA
2 JY

7/19

2 BBWA
12 BCCH
3 MAWA
3 CEWA
2 PHWA
4 BLWA
1 BTBW
7 CHSP
2 MYWA
1 GVBG
1 REVI
1 GCKI
8 AMRE
3 BOCH

4 BTBW
1 DEJU

7/14

2 MAWA
8 BLWA
1 PHWA
1 CAWA
2 REVI
4 MAWA
3 CHSP
1 NERR
2 CMWA
6 BCCH
4 TEWA

2 AMRE
3 REVI
3 BLBW
3 CHSP
2 PHVI
2 TEWA
4 BBWA

2 CHSP
1 REVI
1 BLBW
4 REVI
4 AMRE
2 BBWA
1 DEJU
2 MYWA
2 BCCH
1 WWR
1 GRJY
1 GCKI
2 TEWA

dBase
dB

* tallied on 7/2

6 BBWA
1 GRJY
8 NAWA
7 CHSP
3 LEFL
11 MYWA
2 AMRE
1 BBWA
7 BCCH
2 DEJU
1 CSWA
2 BCCH
4 BLWA
1 TEWA

1 TEWA *tallied on 6/27
2 CEWA
7 CSWA
2 MYWA
4 NAWA
1 GRJY
2 BCCH
2 MAWA
1 GCKI
3 REVI
10 CHSP
4 DEJU
6 BLWA
2 YBFL
1 OSFL
1 BBWA

Maneuver

Primary
Secondary
Attack

BLWA - BLBW.
BTGW - BTNW

Maneuver 1°

stand (st)

(hv) (hd) (hs) (hx)
hang up, down, side, X

aerial upstroke, (us)

downstroke (ds)

lunge (lv)

rushing (rs)

sally (sa)

Maneuver 2°

hover (hv)

reachup (ru)

reachdown (rd)

hang

none

Attack

glean (gl)

probe (pr)

pry (py)

hammer (hm)

chisel

Substrate type

lw

br

tr

gr

ne

le

co

Feeding substrate

ll - lower leaf

ul - upper

lc - leaf

li - lichen

ai - air

dl - dead leaf

lc - live curled leaf

sw - spider web

man.

Foraging (what to record)

- Habitat

- Location

- Height of bird

- Height of plant

- Canopy Height

- Type of plant

- percentage of
conifer vs.
hardwood

- zone of tree

A trunk

B middle

C tips of branches

- density class

1m³ around bird -> what percentage of area is
darkened by foliage.

0-.25 (1)

.25-.5 (2)

.5-.75 (3)

.75-100 (4)

- perch type (twig, branch, trunk, on the foliage)

- perch diameter

* Attack distance (Q for glean)

- substrate type (where the prey was sitting upon
attack) => needles, bark, twig, ground, air,

- maneuver

SB
Mixed conifer
hardwood

Am
willow thicket

WS-SW

BS-SB

JP-

BE

BP

PR

PR - cherry

VI - viburnum

TA -

SD - M. s. l. w.

MA - maple

BI - birch

BI - birch

BI - birch

BI - birch

